High-quality design for challenging lighting conditions

You are important
Wouldn’t it be nice to have a partner who pursues your projects with the same level of commitment as you?

Our innovative quality products have been developed to meet every detail of your individual requirements. Our highly-motivated and qualified team guarantees perfect Swiss quality throughout the planning and production of your project.

We appreciate your confidence in us and this spurs us on to continue developing products that meet your requirements.

Our philosophy
We produce outdoor lighting systems which are absolutely reliable and combine modern design with excellent performance.

Our goal is the full satisfaction of landscapers, distributors and final customers.

We strive to continuously set market benchmarks with our innovative quality products and advanced developments.

This is reflected in longstanding partnerships with our customers, resulting in lasting benefits for both parties.

Our design has been copied by other companies, but no one has ever matched the high quality standards of our Swiss products, services and innovations. Our name and 7-year product warranty are our guarantee.
Setting the mood for your garden

Universal low voltage lighting system combined with reliable halogen, new LED effect and high-power LED technology

- Unlimited application possibilities for indoor and outdoor lighting, above or below water
- All types of luminaires can be supplied individually, as customised linear- or star-configured sets at short notice
- Vast assortment in modular system and extensive range of accessories
- Unrivalled patented high-power module technology with integrated temperature control
- Multifunctional remote control of the latest generation for iPhone, iPad, Android, PC or handheld transmitter, KNX, DALI, DMX
- Halogen lamp power from 5 watts to 50 watts
- LED technology from 0.1 watts to 80 watts
- Latest high-power LED and RGBW multi-colour technology
- All parts available individually and quick and easy to install
- The majority of our luminaires are combinable with one another
- All halogen lamps and many LED lamps are dimmable
- All luminaires are 100% waterproof and IP68 tested
- 7-year guarantee on all products with the respective label
- Stylish stainless steel design
- We also produce special designs customised to your specification and many other luminaire housings and accessories for high-concentration saline, sulphur, thermal and other aggressive waters
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## Types of luminaire - an overview

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<td>Gardens, patios, conservatories, ponds, biotopes, buildings, etc.</td>
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<td>06</td>
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<td><strong>Spot</strong>&lt;br&gt;Halogen: 12 V AC, 10 watts, G 4</td>
<td>Gardens, patios, conservatories, ponds, biotopes, buildings, etc.</td>
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<td>Gardens, patios, conservatories, buildings, bathrooms, kitchens, staircases, living rooms, swimming pools, etc.</td>
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<td>Gardens, patios, paths, buildings, walls, living rooms, kitchens, bathrooms, conservatories, swimming pools, ponds, etc.</td>
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<td>Gardens, patios, paths, buildings, walls, living rooms, kitchens, bathrooms, conservatories, swimming pools, boats, yachts, etc.</td>
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### Types of luminaire - an overview

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<td>RGB multi-colour: 12 V DC, 0.2 watts</td>
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<td>Gardens, patios, paths, grounds, conservatories, buildings, walls, ponds, swimming pools, etc.</td>
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<td>RGBW multi-colour: 24 V DC, 40/60 watts</td>
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<tr>
<td>LED</td>
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<td>Power subject to housing length RGB multi-colour: 24 V DC, 18 watts/metre</td>
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<tr>
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02 | Ultraspot

**Halogen or high-power LED technology**

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<td>Ultraspot 12 volt AC, 20 watts, 20°, medium beam</td>
<td>20.162001</td>
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<td>Ultraspot 12 volt AC, 1 watt, 10°, warm white, narrow beam</td>
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<tr>
<td>Ultraspot 12 volt AC, 1 watt, 20°, warm white, medium beam</td>
<td>20.162012</td>
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**Standard design**

V2A stainless steel; clear glass; supplied with 0.5 m silicone cable and 40 cm stainless steel rodent-proof corrugated conduit

**Special design**

Ultraspot with waterproof (IP67) V2A stainless steel protective housing and base for ground installation in open areas (e.g. lawn) where there is a risk of the luminaire being moved, e.g. by a lawn mower. Warm light filter for even warmer light; frosted lens for diffused light; supplied with installation flange and stage glass; V4A stainless steel design; LED cold white 5000 K; elliptical lens; housing available in other colours upon request

**Accessories** (optional extras available, see pages 66–79)

Luminaire holder, ground spike, tree strap, base plate, brass plug, tube glare guard, honeycomb anti-glare louvre, rodent-proof braided hose, spanner, mounting flange, square tube, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

Subject to change! Please see our safety instructions and Standard Terms!
Ultraspot

Modern and creative lighting for gardens, buildings, patios, conservatories, swimming pools, ponds, biotopes, etc.

- Most efficient and smallest luminaire of this type
- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting, above or below water, 100% waterproof and IP68 tested
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation with high-power LEDs
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
Maxispot

Standard design
V2A stainless steel; clear glass; supplied with 0.5 m silicone cable and 40 cm stainless steel rodent-proof corrugated conduit

Special design
Warm light filter for even warmer light; frosted lens for diffused light; high-power LED Maxispot: cold white 5000 K; elliptical lens; V4A stainless steel; housing available in other colours upon request

Accessories (optional extras available, see pages 66–79)
Luminaire holder, ground spike, tree strap, base plate, brass plug, tube glare guard, honeycomb anti-glare louvre, dichroic filters, rodent-proof braided hose, spanner, square tube, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

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<td>Maxispot 12 volt AC, 20 watts, 36°, wide beam</td>
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<td>Maxispot 12 volt AC, 35 watts, 10°, narrow beam</td>
<td>20.165002</td>
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<tr>
<td>Maxispot 12 volt AC, 35 watts, 36°, wide beam</td>
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<td>Maxispot 12 volt AC, 3 watts, 22°, warm white, narrow beam</td>
<td>20.448052</td>
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<tr>
<td>Maxispot 12 volt AC, 3 watts, 36°, warm white, wide beam</td>
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Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
Modern and creative lighting for gardens, buildings, patios, conservatories, swimming pools, ponds, biotopes, etc.

- Most efficient and smallest luminaire of this type
- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting, above or below water, 100% waterproof and IP68 tested
- Thanks to our unrivalled, patented module technology, subsequent conversion from halogen to high-power LED lamps is possible at any time
- Extremely long lifespan (about 20 years at an average use of six hours per day) low power consumption and low heat generation with high-power LEDs
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
Megaspot

Standard design
V2A stainless steel; clear glass; supplied with 0.5 m silicone cable and 40 cm stainless steel rodent-proof corrugated conduit

Special design
Warm light filter for even warmer light; frosted lens for diffused light; high-power LED cold white 5000 K; flush-mount design with flange for ornamental ponds, swimming ponds and pools, etc; V4A stainless steel; housing available in other colours upon request; luminaire housing in top quality plastic for high-concentration saline, sulphur, thermal and other aggressive waters

Accessories (optional extras available, see pages 66–79)
Tube glare guard, honeycomb anti-glare louvre, dichroic filters; luminaire holder, ground spike, tree strap, base plate, brass plug, rodentproof braided hose, spanner, square tube, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

staub control box, 80 watts
With this newly developed 4-channel staub control box and 16 digital constant current sources, you can simultaneously control and variably dim up to 4 RGBW Megaspots/Honeycomb Spots. Analogue LED luminous flux prevents the occurrence of light smog and stroboscopic effect and blocks electromagnetic interference almost entirely. Fully automatic temperature setting for all channels. Control possible via iPhone, iPad, Android smartphone with touch screen and wireless remote control. Interface (Gateway) to staub control box for KNX, DALI and DMX

Technical data: system operating voltage: 90–305 VAC; frequency: 50/60 Hz; nominal power: 80 watts
Output: 4 channels with 4 outputs each; output voltage range: 2 VDC–22 VDC; ambient temperature range: -20°C to 40°C

Ingress protection class: IP65; external dimensions: 400 x 300 x 140 mm (LxWxH)

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<td>Megaspot 12 volt AC, 35 watts, 36°, wide beam</td>
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</tr>
<tr>
<td>Megaspot 12 volt AC, 50 watts, 10°, narrow beam</td>
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</tr>
<tr>
<td>Megaspot 12 volt AC, 50 watts, 24°, medium beam</td>
<td>20.166012</td>
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<td>Megaspot 12 volt AC, 50 watts, 36°, wide beam</td>
<td>20.166005</td>
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<td>Megaspot 12 volt AC, 50 watts, 60°, wide beam</td>
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<td>Megaspot 12 volt AC, 9 watts, 14°, warm white, narrow beam</td>
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<tr>
<td>Megaspot 12 volt AC, 9 watts, 20°, warm white, medium beam</td>
<td>20.166015</td>
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<tr>
<td>Megaspot 24 volt DC, 13 watts, 40°, RGBW, 681 lm*, wide beam</td>
<td>20.166008</td>
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| staub control box, 80 watts, 24 volt DC, IP65, to operate max. 4 RGBW Megaspots | 20.699300 |

*LED neutral white for 4000 K

Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
Megaspot

Modern and creative lighting for gardens, buildings, patios, conservatories, swimming pools, ornamental ponds, ponds, biotopes, etc.

- Most efficient and smallest luminaire of this type
- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting, above or below water, 100% waterproof and IP68 tested
- Cutting-edge, dimmable and temperature-controlled RGBW multi-colour technology with variable colour change, available in up to 16 million different colours, very easy to operate
- Thanks to our unrivalled, patented module technology, subsequent conversion from halogen to high-power LED lamps is possible at any time
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation with high-power LEDs
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another

High-power LED Megaspot

Halogen Megaspot, mounted on ground spike with luminaire holder variably adjustable in height

High-power LED RGBW multi-colour Megaspot

staub control box 80 watts
High-power LED Gigaspot

Standard design
V2A stainless steel; clear glass; supplied with 0.5 m silicone cable and 40 cm stainless steel rodent-proof corrugated conduit

Special design
Cold white 5000 K; dimmable; V4A stainless steel; 120° light beam angle, housing available in other colours upon request

Accessories (optional extras available, see pages 66–79)
Tube glare guard, honeycomb anti-glare louvre, dichroic filters; luminaire holder, ground spike, tree strap, base plate, brass plug, rodent-proof braided hose, spanner, square tube, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

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<td>Gigaspot 12 volt DC, 13 watts, 25°, 1745 lm, warm white, medium beam</td>
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<td>Gigaspot 12 volt DC, 13 watts, 40°, 1745 lm, warm white, wide beam</td>
<td>20.167001</td>
</tr>
<tr>
<td>Gigaspot super 12 volt DC, 20 watts, 25°, 2415 lm, warm white, medium beam</td>
<td>20.167002</td>
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<tr>
<td>Gigaspot super 12 volt DC, 20 watts, 40°, 2415 lm, warm white, wide beam</td>
<td>20.167003</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power supply units (IP67)</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply unit 12 volt DC, 40 watts, IP67, supplied with 2 m supply lead and euro plug</td>
<td>20.126060</td>
</tr>
<tr>
<td>Power supply unit 12 volt DC, 120 watts, IP67, supplied with 2 m supply lead and euro plug</td>
<td>20.126130</td>
</tr>
</tbody>
</table>

Subject to change! Please see our safety instructions and Standard Terms!
High-power LED Gigaspot 05
Modern and creative lighting for gardens, buildings, patios, conservatories, swimming pools, ponds, biotopes, etc.

- Most efficient and smallest luminaire of this type with cutting-edge 13/20-watt high-power LED technology. This is equivalent to an 80/120-watt halogen bulb
- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting, above or below water, 100% waterproof and IP68 tested
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required.

High-power LED Gigaspot, mounted on ground spike with luminaire holder variably adjustable in height

High-power LED Gigaspot with frosted lens

Modern and creative lighting for gardens, buildings, patios, conservatories, swimming pools, ponds, biotopes, etc.
06 Spotlight, Flat Lamp, Flash Light

**Standard design**
V2A stainless steel; clear glass; supplied with 0.5 m silicone cable and 40 cm stainless steel rodent-proof corrugated conduit

**Special design**
Warm light filter for even warmer light (only Spotlight/Flat Lamp); frosted lens for diffused light (only Spotlight);
V4A stainless steel; housing available in other colours upon request

**Accessories** (optional extras available, see pages 66–79)
Luminaire holder, ground spike, tree strap, base plate, rwalplug, tube glare guard for Spotlight, rodent-proof braided hose, square tube, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

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### Halogen technology

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Spotlight 12 volt AC, 10 watts</th>
<th>20.130000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item no.</td>
<td>Flat Lamp 12 volt AC, 10 watts</td>
<td>20.130001</td>
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</table>

### Xenon technology

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Flash Light 12 volt AC, 10 watts</th>
<th>20.130002</th>
</tr>
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Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
Modern and creative lighting for gardens, buildings, patios, conservatories, swimming pools, ponds, biotopes, etc.

- Most efficient and smallest luminaire of this type
- Very quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting, above or below water, 100% waterproof and IP68 tested
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required.

Nearly all Staub Designlight luminaires are combinable with one another
06 Spotlight, Flat Lamp, Flash Light

1 Standard socket

2 Spotlight front part

3 Flat Lamp front part

4 Flash Light front part

5 Bulb

<table>
<thead>
<tr>
<th>1 Standard socket</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard socket</td>
<td>20.130106</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2 Spotlight front part</th>
<th>Item no.</th>
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</thead>
<tbody>
<tr>
<td>Spotlight front part, clear glass</td>
<td>20.130200</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3 Flat Lamp front part</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Lamp front part, clear glass</td>
<td>20.130302</td>
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</table>

<table>
<thead>
<tr>
<th>4 Flash Light front part</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Light front part, clear glass</td>
<td>20.130400</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>5 Bulb</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulb, clear glass</td>
<td>20.110000</td>
</tr>
</tbody>
</table>

⚠️ Subject to change! Please see our safety instructions and Standard Terms!
Setting the mood for your garden

Modern and creative lighting for gardens, buildings, patios, conservatories, swimming pools, ponds, biotopes, etc.

One socket – various mounting options

1 Standard socket

2 Spotlight

3 Flatlamp

4 Flash Light

5 Bulb
Setting the mood for your garden

07 Angle Spot

Standard design
V2A stainless steel; with aluminium heat sink (only for halogen and high-power LED) and new, quick to mount ball catch (only for halogen and high-power LED); supplied with 0.5 m silicone cable; without fixing holes

Special design
High-power LED/LED effect: cold white 5000 K; warm light filter for even warmer light; top plate with fixing holes; upper part of "Angle Spot Plus" with frosted lens or clear glass for additional light output at the top; short overall length with lateral cable output; V4A stainless steel; housing available in other colours upon request

Accessories (optional extras available, see pages 66–79)
Mounting tube, mounting case to be set in concrete in walls and floors, spanner, stainless steel glare guard for "Plus" design, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

Temperature-controlled high-power LED module

Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
Modern and creative lighting of floors, ceilings, paths or walls for gardens, patios, buildings, swimming pools, ponds, kitchens, bathrooms, living rooms, etc.

- Quick and easy installation with ball catch
- Unlimited application possibilities for indoor and outdoor lighting, above or below water, 100% waterproof and IP68 tested
- Available in 12 volt halogen, LED effect or high-power LED technology (replaceable high-power LED modules)
- Thanks to our unrivalled, patented module technology, subsequent conversion from halogen to high-power LED lamps is possible at any time
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation with high-power LEDs
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are are combinable with one another
Angle Spot
Modern and creative lighting of floors, ceilings, paths or walls for gardens, patios, buildings, swimming pools, ponds, kitchens, bathrooms, living rooms, etc.

<table>
<thead>
<tr>
<th>Halogen technology</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angle Spot 1 aperture, 12 volt AC, 20 watts, with aluminium heat sink</td>
<td>20.164002</td>
</tr>
<tr>
<td>Angle Spot 2 apertures, 12 volt AC, 20 watts, with aluminium heat sink</td>
<td>20.164003</td>
</tr>
<tr>
<td>Angle Spot 3 apertures, 12 volt AC, 20 watts, with aluminium heat sink</td>
<td>20.164004</td>
</tr>
<tr>
<td>Angle Spot 230°, 12 volt AC, 20 watts, with aluminium heat sink</td>
<td>20.164005</td>
</tr>
<tr>
<td>Angle Spot 1 aperture, 12 volt AC, 35 watts, with aluminium heat sink</td>
<td>20.164016</td>
</tr>
<tr>
<td>Angle Spot 2 apertures, 12 volt AC, 35 watts, with aluminium heat sink</td>
<td>20.164017</td>
</tr>
<tr>
<td>Angle Spot 3 apertures, 12 volt AC, 35 watts, with aluminium heat sink</td>
<td>20.164018</td>
</tr>
<tr>
<td>Angle Spot 230°, 12 volt AC, 35 watts, with aluminium heat sink</td>
<td>20.164019</td>
</tr>
<tr>
<td>Angle Spot Special 1 aperture, 12 volt AC, 35 watts, with aluminium heat sink</td>
<td>20.164050</td>
</tr>
<tr>
<td>Angle Spot Special 230°, 12 volt AC, 35 watts, with aluminium heat sink</td>
<td>20.164051</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>High-power (HP) LED technology</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angle Spot 1 aperture, 12 volt AC, 3 watts, warm white, with aluminium heat sink</td>
<td>20.658052</td>
</tr>
<tr>
<td>Angle Spot 2 apertures, 12 volt AC, 3 watts, warm white, with aluminium heat sink</td>
<td>20.668052</td>
</tr>
<tr>
<td>Angle Spot 3 apertures, 12 volt AC, 3 watts, warm white, with aluminium heat sink</td>
<td>20.678052</td>
</tr>
<tr>
<td>Angle Spot 230°, 12 volt AC, 3 watts, warm white, with aluminium heat sink</td>
<td>20.688052</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LED effect technology</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angle Spot 1 aperture, 12 volt AC, 0.5 watts, 5 LEDs, warm white</td>
<td>20.658053</td>
</tr>
<tr>
<td>Angle Spot 1 aperture, 12 volt AC, 0.5 watts, 5 LEDs, blue</td>
<td>20.658051</td>
</tr>
<tr>
<td>Angle Spot 2 apertures, 12 volt AC, 1 watt, 10 LEDs, warm white</td>
<td>20.668053</td>
</tr>
<tr>
<td>Angle Spot 2 apertures, 12 volt AC, 1 watt, 10 LEDs, blue</td>
<td>20.668051</td>
</tr>
<tr>
<td>Angle Spot 3 apertures, 12 volt AC, 1.5 watts, 15 LEDs, warm white</td>
<td>20.678053</td>
</tr>
<tr>
<td>Angle Spot 3 apertures, 12 volt AC, 1.5 watts, 15 LEDs, blue</td>
<td>20.678051</td>
</tr>
<tr>
<td>Angle Spot 230°, 12 volt AC, 1 watt, 10 LEDs, warm white</td>
<td>20.688053</td>
</tr>
<tr>
<td>Angle Spot 230°, 12 volt AC, 1 watt, 10 LEDs, blue</td>
<td>20.688051</td>
</tr>
</tbody>
</table>

Additional items as per price list!

Subject to change! Please see our safety instructions and Standard Terms!
### Superspot

**Standard design**
V2A stainless steel; clear glass; with aluminium heat sink for halogen and high-power LEDs; round top plate; glass 3 mm recessed into top plate; supplied with 0.5 m silicone cable; without fixing holes; with ball catch (only halogen and high-power LEDs)

**Special design**
Flush-mounted or square top plate; glass flush with top plate; aluminium mounting tube for LED effect design; warm light filter for even warmer light; frosted lens for diffused light; high-power LED cold white 5000 K; top plate with fixing holes; honeycomb anti-glare louvre; V4A stainless steel; housing available in other colours upon request

**Accessories** (optional extras available, see pages 66–79)
Dichroic filters, mounting tube, mounting case, spanner, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

#### Halogen technology with aluminium heat sink

| Superspot 12 volt AC, 20 watts, 10°, narrow beam | Item no. 20.164007 |
| Superspot 12 volt AC, 20 watts, 36°, wide beam | Item no. 20.164030 |
| Superspot 12 volt AC, 35 watts, 10°, narrow beam | Item no. 20.164006 |
| Superspot 12 volt AC, 35 watts, 36°, wide beam | Item no. 20.164031 |

#### High-power (HP) LED technology with aluminium heat sink

| Superspot 12 volt AC, 3 watts, 16°, warm white, narrow beam | Item no. 20.459053 |
| Superspot 12 volt AC, 3 watts, 22°, warm white, medium beam | Item no. 20.459050 |
| Superspot 12 volt AC, 3 watts, 36°, warm white, wide beam | Item no. 20.459054 |

#### LED effect technology

| Superspot 12 volt AC, 2 watts, 20 LEDs, warm white | Item no. 20.458052 |
| Superspot 12 volt AC, 2 watts, 20 LEDs, cold white | Item no. 20.458050 |
| Superspot 12 volt AC, 2 watts, 20 LEDs, blue | Item no. 20.458051 |

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Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
Modern and creative lighting of floors, ceilings, paths or walls for gardens, patios, buildings, swimming pools, ponds, kitchens, bathrooms, living rooms, etc.

- Most efficient and smallest luminaire of this type
- Quick and easy installation with ball catch
- Unlimited application possibilities for indoor and outdoor lighting above or below water, 100% waterproof and IP68 tested
- Thanks to our unrivalled, patented module technology, subsequent conversion from halogen to high-power LED lamps is possible at any time
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation with LEDs
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
Superspot Compact

Standard design
V2A stainless steel; clear glass; round top plate; glass recessed 3 mm into top plate; supplied with 0.5 m silicone cable; without fixing holes

Special design
Square top plate; glass flush with top plate; warm light filter for even warmer light; frosted lens for diffused light; high-power LED cold white 5000 K; honeycomb anti-glare louvre; V4A stainless steel; housing available in other colours upon request

Mounting options
Conservatory: direct installation with mounting sleeve into aluminium square profile or into base plates made of stone, ceramic, concrete, wood, plastic or glass; into brickwork, walls and floors made of stone, metal, mirrors, etc.

Accessories (optional extras available, see pages 66–79)
Mounting sleeve with spring catch, dichroic filters, spanner, adhesive sealant for securing the mounting sleeve, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

<table>
<thead>
<tr>
<th>Halogen technology</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Superspot Compact 12 volt AC, 20 watts, 10°, narrow beam</td>
<td>20.164107</td>
</tr>
<tr>
<td>Superspot Compact 12 volt AC, 20 watts, 36°, wide beam</td>
<td>20.164130</td>
</tr>
<tr>
<td>Superspot Compact 12 volt AC, 35 watts, 10°, narrow beam</td>
<td>20.164106</td>
</tr>
<tr>
<td>Superspot Compact 12 volt AC, 35 watts, 36°, wide beam</td>
<td>20.164131</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>High-power (HP) LED technology</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Superspot Compact 12 volt AC, 3 watts, 16°, warm white, narrow beam</td>
<td>20.459153</td>
</tr>
<tr>
<td>Superspot Compact 12 volt AC, 3 watts, 22°, warm white, medium beam</td>
<td>20.459150</td>
</tr>
<tr>
<td>Superspot Compact 12 volt AC, 3 watts, 36°, warm white, wide beam</td>
<td>20.459154</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>LED effect technology</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Superspot Compact 12 volt AC, 2 watts, 20 LEDs, warm white</td>
<td>20.458152</td>
</tr>
<tr>
<td>Superspot Compact 12 volt AC, 2 watts, 20 LEDs, cold white</td>
<td>20.458150</td>
</tr>
<tr>
<td>Superspot Compact 12 volt AC, 2 watts, 20 LEDs, blue</td>
<td>20.458151</td>
</tr>
</tbody>
</table>

Subject to change! Please see our safety instructions and Standard Terms!
Superspot Compact

Modern and creative lighting of ceilings, walls or floors for gardens, conservatories, patios, buildings, kitchens, bathrooms, spa areas, housing interior, etc.

- Most efficient and smallest luminaire of this type
- Quick and easy installation with spring catch
- Unlimited application possibilities for indoor and outdoor lighting, above and below, water; 100% waterproof and IP68 tested
- Thanks to our unrivalled, patented module technology, subsequent conversion from halogen to high-power LED lamps is possible at any time
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation with high-power LEDs
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another

HP LED Superspot Compact, round

Halogen Superspot Compact, square

Superspot Compact
high-power LED
LED Superspot Mini / LED Minispot

**Standard design**
V2A stainless steel; clear glass (glass recessed 3 mm into top plate); supplied with 0.5 m silicone cable

**Special design**
Filter glass for warm light; frosted lens for diffused light; LED Superspot Mini: optionally available with small flange (39 mm diameter); V4A stainless steel; housing available in other colours upon request

**High-power LED light colours**
Warm white 2700 K; cold white 5000 K

**LED effect light colours**
Warm white 2700 K; cold white 5000 K, blue

**Accessories** (optional extras available, see pages 66–79)
Adhesive sealant for gluing the housing to the floor or into the wall; wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

### High-power (HP) LED technology

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.478070</td>
<td>Superspot Mini, 12 volt AC, 1 watt, 10°, narrow beam</td>
</tr>
<tr>
<td>20.478071</td>
<td>Superspot Mini, 12 volt AC, 1 watt, 20°, medium beam</td>
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</tbody>
</table>

### LED effect technology

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.478054</td>
<td>Superspot Mini, 12 volt AC, 0.8 watts, 8 LEDs; light colours: blue, warm white, cold white</td>
</tr>
<tr>
<td>20.498060</td>
<td>Minispot, 12 volt AC, 0.2 watts, 1 LED; light colours: blue, warm white, cold white</td>
</tr>
</tbody>
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Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
Modern and creative lighting of floors, ceilings, paths or walls for gardens, patios, buildings, swimming pools, ponds, kitchens, bathrooms, living rooms, etc.

- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting above or below water, 100% waterproof and IP68 tested
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
09 LED Microspot

LED light colours
Warm white 2700 K; cold white 5000 K, blue, green, amber (orange), red, RGB multi-colour

Accessories (optional extras available, see pages 66–79)
Mounting tube, adhesive sealant for gluing the housing to the floor or into the wall;
wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

LED effect technology

<table>
<thead>
<tr>
<th>LED light colours</th>
<th>Item no.</th>
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</thead>
<tbody>
<tr>
<td>Microspot 8 mm 12 volt AC, 0.2 watts</td>
<td>20.489030</td>
</tr>
<tr>
<td>Microspot 12 mm 12 volt AC, 0.2 watts</td>
<td>20.489031</td>
</tr>
<tr>
<td>Microspot Quadro 12 volt AC, 0.2 watts</td>
<td>20.489032</td>
</tr>
<tr>
<td>Microspot 30° 12 volt DC, 0.2 watts</td>
<td>20.489033</td>
</tr>
<tr>
<td>Microspot 12 mm RGB multi-colour, 12 volt DC, 0.2 watts</td>
<td>20.489040</td>
</tr>
<tr>
<td>Microspot Quadro RGB multi-colour 12 volt DC, 0.2 watts</td>
<td>20.489041</td>
</tr>
</tbody>
</table>

Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
Modern and creative lighting of floors, ceilings, paths or walls for gardens, patios, buildings, swimming pools, ponds, kitchens, bathrooms, living rooms, etc.

- Beautifully designed V2A stainless steel housing
- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting above or below water, 100% waterproof and IP68 tested
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
**Standard design**
V2A stainless steel; clear glass; honeycomb anti-glare louvre; round top plate; without fixing holes; supplied with 0.5 m silicone cable

**Special design**
Square top plate: warm light filter for even warmer light; frosted lens for diffused light; without honeycomb anti-glare louvre; halogen: other light beam angles of 10°, 30° and 60°; high-power LED cold white 5000 K; V4A stainless steel; integrated power supply (IP67) with connection for 230 V AC in mounting tube; housing available in other colours upon request

**Accessories** (optional extras available, see pages 67–79)
Mounting tube, warm light filter, frosted lens, spanner, wireless remote control (see pages 65–66), interface (Gateway) to staub control box for KNX, DALI and DMX. Mini motion detector, IR remote control for mini motion detector

**Staub control box, 80 watts** (see page 12 for description)
With this newly developed 4-channel staub control box and 16 digital constant current sources, you can simultaneously control and variably dim up to 4 RGBW Honeycomb Spots. Analogue LED luminous flux prevents the occurrence of light smog and stroboscopic effect and blocks electromagnetic interference almost entirely. Fully automatic temperature setting for all channels. Control possible via iPhone, iPad, Android smartphone with touch screen and wireless remote control. Interface (Gateway) to staub control box for KNX, DALI and DMX.

Technical data: system operating voltage: 90–305 VAC; frequency: 90–305 VAC; frequency: 50/60 Hz; nominal power: 80 watts
Output: 4 channels with 4 outputs each; output voltage range: 2 VDC–22 VDC; ambient temperature range: -20°C to 40°C
Ingress protection class: IP65; external dimensions: 400 x 300 x 140 mm (LxWxH)

### Halogen technology

| Honeycomb Spot 12 volt AC, 35 watts, 24°, medium beam | 20.698050 |
| Honeycomb Spot 12 volt AC, 50 watts, 24°, medium beam | 20.698053 |

### High-power (HP) LED technology

| Honeycomb Spot 12 volt AC, 9 watts, 14°, warm white, narrow beam | 20.698102 |
| Honeycomb Spot super 12 Volt DC, 10 watts, 25°, warm white, 1165 lm, medium beam | 20.698110 |
| Power supply unit 12 volt DC, 40 watts, adjustable, IP67, with 2 m supply lead and euro plug | 20.126060 |
| Power supply unit 12 volt DC, 120 watts, adjustable, IP67, with 2 m supply lead and euro plug | 20.126130 |
| Honeycomb Spot super 12 Volt DC, 10 watts, 40°, warm white, 1165 lm, wide beam | 20.698111 |
| Honeycomb Spot 24 volt DC, 13 watts, 40°, RGBW multi-colour, 681 lm*, wide beam | 20.698120 |

**Staub control box, 80 watts, 24 volt DC, IP65, to operate max. 4 RGBW Honeycomb Spots** | 20.699300

*LED neutral white for 4000 K
Setting the mood for your garden

Honeycomb Spot

Modern and creative lighting of floors, ceilings, pathways or walls for gardens, patios, buildings, swimming pools, ponds, kitchens, bathrooms, living rooms, etc.

- Most efficient and smallest luminaire of this type. With the new 10-watt HP LED technology, this is equivalent to a 60-watt halogen bulb
- Quick and easy installation; unlimited application possibilities for indoor and outdoor lighting above or below water, 100% waterproof and IP68 tested
- Cutting-edge, dimmable and temperature-controlled RGBW multi-colour technology with variable colour change, available in up to 16 million different colours, very easy to operate
- Thanks to our unrivalled, patented module technology, subsequent conversion from halogen to high-power LED lamps is possible at any time
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation with high-power LEDs
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
10 High-power LED Skyspot

Standard design
V2A stainless steel; clear glass; honeycomb anti-glare louvre; 40-watt/60-watt high-power LED; 5° beam angle from housing top; 38° (medium beam); warm white 2700 K; dimmable; round top plate; without fixing holes; supplied with 50 cm rubber cable

Special design
0° or 10° beam angle from housing top; square top plate; without honeycomb anti-glare louvre; other light beam angles of 10° and 60°; cold white 5000 K; blue; V4A stainless steel; housing available in other colours upon request

Accessories (optional extras available, see pages 67–79)
Mounting tube, mounting case, warm light filter, frosted lens, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

staub control box, 480 watts

With this newly developed 4-channel staub control box and 16 digital constant current sources, you can simultaneously control and variably dim up to 4 Skyspots. Analogue LED luminous flux prevents the occurrence of light smog and stroboscopic effect and blocks almost all electromagnetic interference. Fully automatic temperature setting for all channels. Control possible via iPhone, iPad, Android smartphone with touch screen and wireless remote control. Interface (Gateway) to staub control box for KNX, DALI and DMX.

Technical data: system operating voltage: 90 – 305 VAC, frequency: 50/60 Hz; nominal power: 480 watts
Output: 4 channels with 4 outputs each; output voltage range: 2 VDC – 22 VDC; ambient temperature range: -20°C to 40°C
Ingress protection class: IP65; external dimensions: 400 x 300 x 140 mm (LxWxH)

<table>
<thead>
<tr>
<th>High-power (HP) LED technology</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skyspot 24 volt DC, 40 watts, warm white, 3825 lm, 38°, medium beam</td>
<td>20.699000</td>
</tr>
<tr>
<td>Skyspot super 24 volt DC, 60 watts, warm white, 5735 lm, 38°, medium beam</td>
<td>20.699001</td>
</tr>
<tr>
<td>staub control box, 480 watts, 24 volt DC, IP65, to operate max. 4 Skyspots</td>
<td>20.699200</td>
</tr>
</tbody>
</table>

Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
High-power LED Skyspot

Modern and creative lighting of floors, paths or walls for gardens, patios, buildings, swimming pools, ponds, etc.

- Most efficient and smallest luminaire of this type with 40-watt or 60-watt high-power LED. This is equivalent to a 230-watt or 340-watt halogen bulb
- Unlimited application possibilities for indoor and outdoor lighting above or below water, 100% waterproof and IP68 tested
- Quick and easy installation
- Light beam angles adjustable in luminaire housing to 0°, 5° or 10° position
- Cutting-edge, dimmable high-power LED light technology with temperature control
- Extremely long lifespan (about 50,000 h), low power consumption and low heat generation
- All types of luminaires can be supplied individually or as a star-configured set with the cable length required
High-power LED Poolstar

**Standard design**
V4A stainless steel; clear glass; wireless, 100% waterproof quick connect system (IP68 tested); 120° beam angle (wide beam without lenses)

**Special design**
27°, 30° or 45° beam angle with medium beam lenses. Note: deeper luminaire housing. Additional HP LED colours, such as green, red, turquoise, amber, etc. upon request. Housing of top quality plastic for high-concentration saline, sulphur, thermal and other aggressive waters

**World premiere**
Replace the luminaire below water in just 5 minutes with our innovative wireless and waterproof quick connect system. All cable junctions are incorporated in the dry area of the luminaire, thus preventing any mechanical damage to the cable due to aggressive (highly chlorine or saline) media.

**Typical applications**
Private and public swimming pools, swimming ponds, fountain systems, etc.

**Mounting options**
In all swimming pool walls made of concrete, stone, tiles, stainless steel, foil

**Accessories** (optional extras available, see pages 74–75)
Stainless steel mounting case, stainless steel seal ring for foil swimming pools, operation via wireless remote control, iPhone, Android, mini motion detector (see pages 62–65), IR remote control for mini motion detector

**staub control box, 480 watts**
With this newly developed 4-channel staub control box and 16 digital constant current sources, you can simultaneously control and variably dim up to 4 single colour or RGBW Poolstar luminaires. Analogue LED luminous flux prevents the occurrence of light smog and stroboscopic effect and blocks electromagnetic interference almost entirely. Fully automatic temperature setting for all channels. Control possible via iPhone, iPad, Android smartphone with touch screen and wireless remote control. Interface (Gateway) to staub control box for KNX, DALI and DMX

Technical data: system operating voltage: 90–305 VAC, frequency: 50/60 Hz; nominal power: 480 watts
Output: 4 channels with 4 outputs each; output voltage range: 2 VDC–22 VDC; ambient temperature range: -20°C to 40°C
Ingress protection class: IP65; external dimensions: 400 x 300 x 140 mm (LxWxH)

**High-power (HP) LED technology**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Item description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.699100</td>
<td>Poolstar 24 volt DC, 80 watts, warm white, 2700 K, 5424 lm, 120° wide beam</td>
</tr>
<tr>
<td>20.699101</td>
<td>Poolstar 24 volt DC, 80 watts, cold white, 5000 K, 6168 lm, 120° wide beam</td>
</tr>
<tr>
<td>20.699102</td>
<td>Poolstar 24 volt DC, 80 watts, blue, 1704 lm, 120° wide beam</td>
</tr>
<tr>
<td>20.699110</td>
<td>Poolstar 24 volt DC, 80 watts, RGBW multi-colour, 3882 lm, 120° wide beam</td>
</tr>
<tr>
<td>20.699200</td>
<td>staub control box, 480 watts, 24 volt DC, IP65, to operate max. 4 Poolstar luminaires</td>
</tr>
</tbody>
</table>

**Subject to change! Please see our safety instructions and Standard Terms!**
High-power LED Poolstar

Modern and creative LED lighting for indoor and outdoor swimming pools, swimming ponds, fountain systems, etc.

- Innovative wireless and 100% waterproof quick connect system (IP68 tested)
- Cutting-edge, dimmable and temperature-controlled RGBW multi-colour technology with variable colour change, available in up to 16 million different colours, very easy to operate
- Extremely strong and bright luminance with the latest 80-watt high-power LED technology. This is equivalent to a 480-watt halogen bulb
- Almost shadow-free illumination thanks to wide beam
- Extremely long lifespan (about 50,000 h), low power consumption and low heat generation
### LED Linear Line

**Standard design**

**LED colours for all types:** latest generation of super-bright LEDs, warm white 3000 K

**Micro:** extremely robust V2A stainless steel profile with crystal clear casting compound; comes with 40 cm rodent-proof corrugated conduit

**Opal:** opal-coloured acrylic housing, UV resistant, brilliant light panel, all four edges in brushed stainless steel

**Micro/Opal:** variably adjustable brightness via potentiometer in power supply unit

**Cable output for Micro:** L1, L2, L3, R1, R2, R3 (see image top left)

**Cable output for Opal:** only L2 or R2 (see image top left)

**Power supply**

**Micro/Opal:** 40-watt or 120-watt power supply unit, 12 V DC, IP67 (see page 42 for item no.)

**Micro/Opal RGB multi-colour:** 60-watt power supply unit, 24 V DC, waterproof, including IR sensor and IR manual transmitter

**Light control:** variably adjustable brightness via potentiometer in power supply unit

**Special design**

**Micro/Opal:** LED colours: warm white 2800 K (as for halogen), daylight white 5000 K, amber, yellow, red, blue, green and many other colour shades, designed to customer's own specifications. Various high-quality brushed stainless steel trims (size according to customer's own specifications) to protect the light module

**Opal:** matt light panel

**Micro/Opal RGB multi-colour:** IR remote control with waterproof (IP67) receiver for outdoor installation

**Accessories** (optional extras available, see pages 67–79)

Assembly adapter, luminaire holder, base plate, brass plug and height-adjustable ground spike, glare guard, wireless remote control (see pages 62–65). Mini motion detector fitted in luminaire housing to turn light on automatically, IR remote control for mini motion detector

<table>
<thead>
<tr>
<th>LED Linear Line</th>
<th>Micro</th>
<th>Opal</th>
<th>Opal with stainless steel trim</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LED type</strong></td>
<td>sdl super-bright</td>
<td>sdl super-bright</td>
<td>sdl super-bright</td>
</tr>
<tr>
<td><strong>LED light colours</strong></td>
<td>warm white</td>
<td>warm white</td>
<td>warm white</td>
</tr>
<tr>
<td>2800 K</td>
<td>3000 K</td>
<td>5000 K</td>
<td>2800 K</td>
</tr>
<tr>
<td><strong>Power per metre</strong></td>
<td>18 watts</td>
<td>18 watts</td>
<td>18 watts</td>
</tr>
<tr>
<td><strong>Lumen</strong></td>
<td>950 lm</td>
<td>1000 lm</td>
<td>1120 lm</td>
</tr>
<tr>
<td><strong>LEDs per metre</strong></td>
<td>180 pcs</td>
<td>180 pcs</td>
<td>180 pcs</td>
</tr>
<tr>
<td><strong>Housing width</strong></td>
<td>23 mm</td>
<td>21 mm</td>
<td>27 mm</td>
</tr>
<tr>
<td><strong>Trim width</strong></td>
<td>---</td>
<td>---</td>
<td>40 mm</td>
</tr>
<tr>
<td><strong>Light width</strong></td>
<td>10 mm</td>
<td>18 mm</td>
<td>16 mm</td>
</tr>
<tr>
<td><strong>Installation depth</strong></td>
<td>14 mm</td>
<td>50 mm</td>
<td>70 mm</td>
</tr>
<tr>
<td><strong>Surface</strong></td>
<td>crystal clear casting compound</td>
<td>acrylic opal coloured</td>
<td>acrylic opal coloured</td>
</tr>
<tr>
<td><strong>Item no.</strong></td>
<td>20.250300</td>
<td>20.250400</td>
<td>20.250410</td>
</tr>
</tbody>
</table>

**Environment**

- Max. 40°C
- 230 V/12 V Power supply unit
- 230 V/24 V Power supply unit

**Certification**

- IP68
- V2A Stainless steel
- 3000 K
- 50'000 h
- RGB
- Adjustable
- Environment max. 40°C
- LED effect
- CE

www.staub-designlight.ch
LED Linear Line

Modern and creative lighting for gardens, buildings, housing interior, offices, patios, conservatories, swimming pools, etc.

LED Linear Line

- Micro, multi-colour RGB with crystal clear casting compound
- Micro, warm white with crystal clear casting compound
- Opal, cold white with acrylic housing and stainless steel edges
- Opal, cold white with acrylic housing and stainless steel trim

- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting above or below water, 100% waterproof and IP68 tested
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation
- Available in the latest, super-bright 12-volt LED Linear technology, in warm or cold white, various colours or RGB multi-colour. Brightness can be variably adjusted
- Different lengths possible ranging from 225 mm to 2025 mm
12 Bollard Light

Standard design
Beautifully designed, brushed V2A stainless steel housing; with integrated Maxispot and honeycomb anti-glare louvre with clear glass; individual adjustment of integrated Maxispot possible for both models; supplied with 0.5 m silicone cable

Special design
With indirect, entirely glare-free light output and mirror reflector; the light unit is invisibly incorporated in the luminaire housing; if required, both designs can be supplied with 35-watt halogen lamp, 36° or 10°; high-power LED cold white 5000 K; triple 230 volt AC socket (1x switched; 2x permanent current connection) at housing back; integrated 230 volt AC power supply unit (IP67); light beam angles for high-power LED: 16° or 22°; V4A stainless steel; warm light filter for even warmer light; frosted lens for diffused light; dichroic filters; housing available in other colours upon request

Accessories (optional extras available, see pages 67–79)
Warm light filter, frosted lens, spanner, concrete-in ground anchors (4 pcs M8 x 250 mm), wireless remote control (see pages 62–65). Mini motion detector fitted in luminaire housing to turn light on automatically, IR remote control for mini motion detector

<table>
<thead>
<tr>
<th>Halogen technology</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bollard Light 400, single, 12 volt AC, 1 x 20 watts, 36°, wide beam</td>
<td>20.150300</td>
</tr>
<tr>
<td>Bollard Light 520, double, 12 volt AC, 2 x 20 watts, 36°, wide beam</td>
<td>20.150301</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>High-power (HP) LED technology</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bollard Light 400, single, 12 volt AC, 1 x 3 watts, 36°, warm white, wide beam</td>
<td>20.150350</td>
</tr>
<tr>
<td>Bollard Light 520, double, 12 volt AC, 2 x 3 watts, 36°, warm white, wide beam</td>
<td>20.150351</td>
</tr>
</tbody>
</table>

Additional items as per price list

- Temperature-controlled high-power LED module
- Control NTC
- Transformer 230 V/12 V
- Stainless steel V2A
- Weatherproof IP68
- Dimmable
- 4000 h Halogen
- 50000 h HP LED
- RGBW

Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
Bollard Light

Modern and creative lighting for gardens, buildings, patios, swimming pools, ponds, biotopes, etc.

- Beautifully designed, modern housing in stainless steel design
- Quick and easy installation
- Integrated luminaire provides entirely glare-free light output
- Unlimited application possibilities for indoor and outdoor lighting above or below water, 100% waterproof and IP68 tested
- Thanks to our unrivalled, patented module technology, subsequent conversion from halogen to high-power LED lamps is possible at any time
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation with high-power LEDs
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
**Topspot**

- **Standard design**
  Beautifully designed, brushed 40 mm V2A stainless steel pole; Maxispot with honeycomb anti-glare louvre and clear glass; supplied with 0.5 m silicone cable.

- **Special design**
  If requested, the luminaire can be supplied with 20 watts/10°, 35 watts/36° or 10° halogen lamp; high-power LED cold white 5000 K; warm light filter for even warmer light; frosted lens for diffused light; Topspot SA: pole length, number and type of luminaire (Ultra-spot, Maxispot, Megaspot) and height positions as required; high-power LED light beam angles: 16° or 22°; V4A stainless steel; housing available in other colours upon request.

- **Accessories** (optional extras available, see pages 67–79)
  Warm light filter, frosted lens, dichroic filters, spanner, concrete-in ground anchors, wireless remote control (see pages 62–65).
  Mini motion detector fitted in luminaire housing to turn light on automatically, IR remote control for mini motion detector.

### Halogen technology

<table>
<thead>
<tr>
<th>Item</th>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topspot 430, single, 12 volt AC, 1 x 20 watts, 36°, wide beam</td>
<td>20.150400</td>
<td></td>
</tr>
<tr>
<td>Topspot 430, double, 12 volt AC, 2 x 20 watts, 36°, wide beam</td>
<td>20.150401</td>
<td></td>
</tr>
<tr>
<td>Topspot SA, special design according to customer specifications</td>
<td>20.150402</td>
<td></td>
</tr>
</tbody>
</table>

### High-power (HP) LED technology

<table>
<thead>
<tr>
<th>Item</th>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topspot 430, single, 12 volt AC, 1 x 3 watts, 36°, warm white, wide beam</td>
<td>20.150450</td>
<td></td>
</tr>
<tr>
<td>Topspot 430, double, 12 volt AC, 2 x 3 watts, 36°, warm white, wide beam</td>
<td>20.150451</td>
<td></td>
</tr>
<tr>
<td>Topspot SA, special design according to customer specifications</td>
<td>20.150452</td>
<td></td>
</tr>
</tbody>
</table>

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*Subject to change! Please see our safety instructions and Standard Terms!*
Topspot

Modern and creative lighting for gardens, buildings, patios, swimming pools, ponds, biotopes, etc.

Topspot 430, single, halogen

Topspot SA

- Entirely glare-free light output thanks to integrated honeycomb anti-glare louvre
- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting above or below water, 100% waterproof and IP68 tested
- Thanks to our unrivalled, patented module technology, subsequent conversion from halogen to high-power LED lamps is possible at any time
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation with high-power LEDs
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
LED Tube Light

**Standard design**
Beautifully designed, brushed 40 mm V2A stainless steel tube, with integrated 60° louvres for glare-free downward light output. Fitted with a total of 72 super-bright, warm white (3000 K, 400 lm per 400 mm) Linear LEDs of the latest generation; variably adjustable brightness via potentiometer in power supply unit.

**Power supply**
40-watt or 120-watt power supply unit, 230 volt AC input, 12 volt DC output, IP67

**Special design**
Shorter or longer tube with correspondingly fewer/more Linear LEDs in 200 mm modules designed to customer’s own specifications. Additional LED models: sdl super-bright, warm white 2800 K (as for halogen), 380 lm per 400 mm or cold white 5000 K, 448 lm per 400 mm length; RGB multi-colour; housing available in other colours upon request.

**Accessories** (optional extras available, see pages 67–79)
Concrete-in ground anchors, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector.

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**LED Tube Light**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED Tube Light 430 single element, 12 volt DC, 7.2 watts, warm white</td>
<td>20.150550</td>
</tr>
<tr>
<td>LED Tube Light 430 180°, 12 volt DC, 7.2 watts, warm white</td>
<td>20.150570</td>
</tr>
<tr>
<td>LED Tube Light 430 wall-mount design, single element, 12 volt DC, 7.2 watts, warm white</td>
<td>20.150555</td>
</tr>
<tr>
<td>Power supply unit 12 volt DC, 40 watts, adjustable, IP67, supplied with 2 m supply lead and euro plug</td>
<td>20.126060</td>
</tr>
<tr>
<td>Power supply unit 12 volt DC, 120 watts, adjustable, IP67, supplied with 2 m supply lead and euro plug</td>
<td>20.126130</td>
</tr>
</tbody>
</table>

**Additional items as per price list**

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 Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
LED Tube Light

Modern and creative lighting for gardens, paths, brickwork, walls, staircases, buildings, patios, swimming pools, ponds, biotopes, etc.

Wall-mount design

- Entirely glare-free light output thanks to 60° louvres facing downward
- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting above or below water, 100% waterproof and IP68 tested
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
**LED Down Light**

**Standard design**
Beautifully designed, brushed stainless steel housing with 45° louvre facing downward; flush-mount design; housing dimensions according to drawing; fitted with a total of 36 super-bright, warm white (3000 K, 200 lm per 200 mm) Linear LEDs of the latest generation; V2A stainless steel; without recessed mounting box; variably adjustable brightness via potentiometer in power supply unit.

**Power supply**
40-watt or 120-watt power supply unit, 230 volt AC input, 12 volt DC output, IP67.

**Special design**
Other housing lengths available upon request in 200 mm modules up to max. 1000 mm; surface-mount design for subsequent flat to the wall mounting; other LED designs: sdl super-bright warm white 2800 K (as for halogen, 190 lm per 200 mm) or cold white (5000 K, 224 lm per 200 mm); RGB multi-colour; integrated power supply unit (IP67) for direct 230 volt connection; V4A stainless steel; housing available in other colours upon request.

**Accessories** (optional extras available, see pages 66–79)
Adhesive sealant for gluing the housing into walls, brickwork or steps; wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector.

<table>
<thead>
<tr>
<th>LED Down Light</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED Down Light 200, flush-mount, 12 volt DC, 3.6 watts, super-bright, warm white</td>
<td>20.150710</td>
</tr>
<tr>
<td>LED Down Light 400, flush mount, 12 volt DC, 7.2 watts, super-bright, warm white</td>
<td>20.150730</td>
</tr>
<tr>
<td>LED Down Light SA, special design according to customer specifications</td>
<td>20.150740</td>
</tr>
<tr>
<td>Recessed mounting box for LED Down Light 200, flush-mount</td>
<td>20.150800</td>
</tr>
<tr>
<td>Recessed mounting box for LED Down Light 400, flush-mount</td>
<td>20.150801</td>
</tr>
<tr>
<td>Recessed mounting box for LED Down Light SA, special design according to customer specifications</td>
<td>20.150802</td>
</tr>
<tr>
<td>Power supply unit 12 volt DC, 40 watts, adjustable, IP67, supplied with 2 m supply lead and euro plug</td>
<td>20.126060</td>
</tr>
<tr>
<td>Power supply unit 12 volt DC, 120 watts, adjustable, IP67, supplied with 2 m supply lead and euro plug</td>
<td>20.126130</td>
</tr>
</tbody>
</table>

Additional items as per price list.
LED Down Light

Modern and creative lighting for gardens, pathways, staircases, walls, buildings, patios, swimming pools, etc.

LED Down Light designs

- Entirely glare-free light output thanks to 45° louvres facing downward
- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting above or below water, 100% waterproof and IP68 tested
- Different lengths possible ranging from 200 mm to 1000 mm
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
Standard design
Beautifully designed, brushed stainless steel housing with opal acrylic glass; flush-mount design; housing dimensions according to drawing; fitted with a total of 36 super-bright, warm white (3000 K, 200 lm per 200 mm) Linear LEDs of the latest generation; V2A stainless steel; without recessed mounting box; variably adjustable brightness via potentiometer in power supply unit

Power supply
40-watt or 120-watt power supply unit, 230 volt AC input, 12 volt DC output, IP67

Special design
Other housing lengths available upon request in 200 mm modules up to max. 1000 mm; surface-mount design for subsequent flat to the wall mounting; other LED designs: sdl super-bright cold white (5000 K, 224 lm per 200 mm); light colour: 2800 K; RGB multi-colour; integrated power supply unit (IP67) for direct 230 volt connection; V4A stainless steel; housing available in other colours upon request; recessed mounting box with fixing straps to be set in concrete

Accessories (optional extras available, see pages 66–79)
Adhesive sealant for gluing the housing into walls, brickwork or steps; wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

<table>
<thead>
<tr>
<th>LED Opal Light</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED Opal Light 200, flush-mount, 12 volt DC, 3.6 watts, super-bright, warm white</td>
<td>20.150710</td>
</tr>
<tr>
<td>LED Opal Light 400, flush-mount, 12 volt DC, 7.2 watts, super-bright, warm white</td>
<td>20.150730</td>
</tr>
<tr>
<td>LED Opal Light SA, special design according to customer specifications</td>
<td>20.150740</td>
</tr>
<tr>
<td>Recessed mounting box for LED Opal Light 200, flush-mount</td>
<td>20.150800</td>
</tr>
<tr>
<td>Recessed mounting box for LED Opal Light 400, flush-mount</td>
<td>20.150801</td>
</tr>
<tr>
<td>Recessed mounting box for LED Opal Light SA, special design according to customer specifications</td>
<td>20.150802</td>
</tr>
<tr>
<td>Power supply unit 12 volt DC, 40 watts, adjustable, IP67, supplied with 2 m supply lead and euro plug</td>
<td>20.126060</td>
</tr>
<tr>
<td>Power supply unit 12 volt DC, 120 watts, adjustable, IP67, supplied with 2 m supply lead and euro plug</td>
<td>20.126130</td>
</tr>
</tbody>
</table>

Additional items as per price list

Subject to change! Please see our safety instructions and Standard Terms!
LED Opal Light

Modern and creative lighting for gardens, pathways, staircases, steps, walls, buildings, patios, swimming pools, etc.

- Entirely glare-free and evenly lit acrylic glass
- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting above or below water, 100% waterproof and IP68 tested
- Different lengths possible ranging from 200 mm to 1000 mm
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
**Shield Spot**

**Standard floor-mount design**
With 90 mm luminaire holder; supplied with 0.5 m silicone cable and 40 cm stainless steel rodent-proof corrugated conduit

**Standard wall-mount design**
Similar to standard floor-mount design. The Shield Spot is mounted on the wall direct without any luminaire holder using two sheet metal screws and brass wall plugs, or optionally with two spacer pipes (standard length: 15 mm). The spacer pipes must be ordered separately

**Special floor/wall-mount design**
Luminaire holder, 270 mm in length (floor mounting only); V4A stainless steel; housing available in other colours upon request

**Accessories** (optional extras available, see pages 66–79)
Ground spike, base plate and brass plug, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

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**Halogen technology**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.164008</td>
<td>Shield Spot 12 volt AC, 20 watts, including 90 mm luminaire holder</td>
</tr>
</tbody>
</table>

**High-power (HP) LED technology**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.165008</td>
<td>Shield Spot 12 volt AC, 1 watt, warm white, including 90 mm luminaire holder</td>
</tr>
</tbody>
</table>
Shield Spot

Modern and creative lighting for gardens, buildings, patios, swimming pools, ponds, biotopes, etc.

- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting above or below water, 100% waterproof and IP68 tested
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation with high-power LEDs
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
### Standard design
V2A stainless steel pole; with standard socket and 5-watt light bulb; glass globe, luminaire pole and mounting tube (order separately)

### Special design
10-watt light bulb; V4A stainless steel; housing available in other colours upon request

### Accessories
(optional extras available, see pages 66–79)
Luminaire holder, mounting tube, rodent-proof braided hose, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.109015</td>
<td>Globe Light 12 volt AC, 5 watts, with standard socket</td>
</tr>
<tr>
<td>20.109012</td>
<td>Glass globe 90 mm: clear cracked glass</td>
</tr>
<tr>
<td>20.109011</td>
<td>Glass globe 90 mm: opal (frosted lens)</td>
</tr>
<tr>
<td>20.109013</td>
<td>Glass globe 150 mm: clear cracked glass</td>
</tr>
<tr>
<td>20.109014</td>
<td>Glass globe 150 mm: opal (frosted lens)</td>
</tr>
<tr>
<td>20.131008</td>
<td>Luminaire pole: V2A stainless steel short (80 mm) / medium (180 mm) / long (280 mm)</td>
</tr>
<tr>
<td>20.698047</td>
<td>100 mm mounting tube: V2A stainless steel</td>
</tr>
</tbody>
</table>

Subject to change!
Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
Globe Light

Modern and creative lighting of pathways or gardens for landscapes, patios, swimming pools, ponds, etc.

- Beautifully designed, hand-blown glass globes in different sizes
- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting, 100% waterproof and IP68 tested
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another
High-power LED Acrylic Luminaire

Standard design
With integrated 1-watt high-power LED Ultraspot (cold white 5000 K); 1 m V2A stainless steel pole; order acrylic rod separately; supplied with 0.5 m silicone cable

Special design
High-power LED: warm white 2700 K; Acrylic Luminaire SA with Shield Spot for ground floor lighting; V4A stainless steel; mounting plate; power supply unit (IP67) with 230 volt AC connection integrated in the luminaire; housing available in other colours upon request

Accessories
Wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

<table>
<thead>
<tr>
<th>High-power (HP) LED technology</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic Luminaire 12 volt AC, 1 watt, cold white, floor-mount design</td>
<td>20.660000</td>
</tr>
<tr>
<td>Acrylic Luminaire 12 volt AC, 1 watt, cold white, wall-mounted torch design</td>
<td>20.660015</td>
</tr>
<tr>
<td>Acrylic Luminaire 12 volt AC, 1 watt, cold white, straight wall-mounted design</td>
<td>20.660014</td>
</tr>
<tr>
<td>Acrylic Luminaire SA, special design according to customer specifications</td>
<td>20.660020</td>
</tr>
<tr>
<td>Mounting plate for floor-mount design (without tube)</td>
<td>20.660012</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Acrylic rods</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic rod with bubbles</td>
<td>20.660001</td>
</tr>
<tr>
<td>Acrylic rod with satin-finish</td>
<td>20.660002</td>
</tr>
<tr>
<td>Acrylic rod with grooves</td>
<td>20.660003</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dichroic filters</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>red</td>
<td>20.660006</td>
</tr>
<tr>
<td>yellow</td>
<td>20.660007</td>
</tr>
<tr>
<td>blue</td>
<td>20.660008</td>
</tr>
<tr>
<td>green</td>
<td>20.660009</td>
</tr>
<tr>
<td>orange</td>
<td>20.660010</td>
</tr>
</tbody>
</table>

Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
High-power LED Acrylic Luminaire

Modern and creative lighting of paths or walls for patios, staircases, buildings, gardens, swimming pools, ponds, etc.

- Quick and easy installation
- Unlimited application possibilities for indoor and outdoor lighting
  100% waterproof and IP68 tested
- Extremely long lifespan (about 20 years at an average use of six hours per day), low power consumption and low heat generation
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required. Nearly all staub designlight luminaires are combinable with one another

HP LED Acrylic Luminaire
Dimensions designed to customer's own specifications
Indoor Fountain Lights

**Standard design**
Beautifully designed V2A stainless steel or glass housing; IP68 waterproof; available in halogen or Xenon technology

**Typical applications**
Indoor fountains, flower pots, conservatories, etc.

**Additional items and accessories**
See price list and pages 66–79, wireless remote control (see pages 62–65)

<table>
<thead>
<tr>
<th>Indoor fountain light sets for interior lighting</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Halogen Spotlight set 12 volt AC, 10 watts, incl. power supply unit</td>
<td>20.140000</td>
</tr>
<tr>
<td>Halogen Flat Lamp set 12 volt AC, 10 watts, incl. power supply unit</td>
<td>20.140100</td>
</tr>
<tr>
<td>Xenon Flash Light set 12 volt AC, 10 watts, incl. power supply unit (approx. 20,000 hours)</td>
<td>20.140400</td>
</tr>
<tr>
<td>Halogen Bulb set 12 volt AC, 10 watts, incl. power supply unit</td>
<td>20.140200</td>
</tr>
<tr>
<td>Xenon Ministar set 12 volt AC, 10 watts, incl. power supply unit (approx. 20,000 hours)</td>
<td>20.140500</td>
</tr>
</tbody>
</table>

Additional items as per price list

▲ Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
High-power LED Block Light

Modern and creative lighting of floors, paths or walls for patios, buildings, landscapes, swimming pools, ponds, fountains etc.

- Beautifully designed V2A stainless steel housing
- Ideal for “invisible” underwater lighting with extremely wide, flat light beam in stainless steel or plastic ponds and swimming ponds or for lighting walls
- Unlimited application possibilities for indoor and outdoor lighting, above and below water; 100% waterproof and IP68 tested
- Extremely long lifespan (about 20 years at an average use of six hours p.d.), low power consumption and low heat generation
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set with the cable length required.

Nearly all staub designlight luminaires are combinable with one another

Standard design
Beautifully designed V2A stainless steel housing with integrated high-power LED Ultraspot, 12 volt AC, 1 watt, elliptic (flat light beam 44° x 12°), warm white; clear glass; 40 cm rodent-proof corrugated conduit

Special design
Cold white 5000 K; filter for even warmer light; frosted lens for diffused light; V4A stainless steel housing

Accessories (optional extras available, see pages 66–79)
Adhesive sealant, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

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Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
LED Superspot Mini Marine, LED Microspot Marine

Modern and creative LED cockpit, deck, wall and ceiling lighting for all kinds of motor and sailing boats and yachts

- Unlimited application possibilities in every boat
- Cable length designed to customer’s own specifications
- For 12 volt AC (alternating current) or DC (direct current) operation
- Extremely long lifespan (LED effect about 100,000 h, high-power LEDs about 50,000 h), low power consumption, low heat generation

Superspot Mini light colours: warm white 2700 K, cold white 5000 K, blue
Microspot light colours: warm white 2700 K, cold white 5000 K, blue, amber (orange), green, red, RGB multi-colour

Accessories (optional extras available, see pages 66–79)
Electrical connection box, adhesive sealant, wireless remote control (see pages 62–65)

<table>
<thead>
<tr>
<th>High-power (HP) LED technology</th>
<th>Item no</th>
</tr>
</thead>
<tbody>
<tr>
<td>Superspot Mini 12 volt AC or DC, 1 watt, 10°, narrow beam</td>
<td>20.478070</td>
</tr>
<tr>
<td>Superspot Mini 12 volt AC or DC, 1 watt, 20°, medium beam</td>
<td>20.478071</td>
</tr>
<tr>
<td>Microspot Quadro 12 volt AC or DC, 0.2 watts</td>
<td>20.489032</td>
</tr>
</tbody>
</table>

Additional items as per price list

Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
High-power LED Megaspot Marine

Modern and creative LED marine lighting for all kinds of sailing and motor boats and yachts

- For 12 volt AC (alternating current) or 12 volt DC (direct current) operation
- Very quick and easy installation (also retrofit) in the stern of every boat
- Extremely long lifespan (about 50,000 h), low power consumption and low heat generation

Standard design
V2A stainless steel housing; 12 volt; 9-watt high-power LED (equivalent to a 35-watt halogen lamp); 20° lens

Accessories (optional extras available, see pages 66–79)
Honeycomb anti-glare louvre, warm light filter, spanner, wireless remote control (see page 62–65)

<table>
<thead>
<tr>
<th>High-power (HP) LED technology</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-power LED Megaspot Marine 12 volt AC or DC, 9 watts, 20°, cold white 5000 K, medium beam</td>
<td>20.166030</td>
</tr>
<tr>
<td>High-power LED Megaspot Marine 12 volt AC or DC, 9 watts, 20°, warm white 2700 K, medium beam</td>
<td>20.166032</td>
</tr>
<tr>
<td>High-power LED Megaspot Marine 12 volt AC or DC, 9 watts, 20°, blue, medium beam</td>
<td>20.166031</td>
</tr>
</tbody>
</table>

Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
Ministar Rock Bubbler and Fountain Light

Fascinating light magic for all rock bubblers, fountains and water features

Ministar rock bubbler light

- Outer diameter: 13 mm
- Nominal voltage: 12 volt AC
- AC wattage: 10 watts
- Hose connection: 27 mm
- Luminaire height without hose connection: 85 mm
- Light colour: warm white 2700 K
- Lamps: Xenon

- Extremely low power consumption and low heat generation
- Quick and easy installation
- All types of luminaires can be supplied individually, as a customised linear- or star-configured set
- Nearly all staub designlight luminaires are combinable with one another

Assembly of Ministar rock bubbler light in rock

Drill a hole of the appropriate size in the rock. Insert the electric cable and water hose through the hole and then fix the light in the hole of the rock

<table>
<thead>
<tr>
<th>Rock bubbler and fountain light</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ministar rock bubbler light 12 volt AC, 10 watts, incl. 3 m cable and T-connector</td>
<td>20.110030</td>
</tr>
<tr>
<td>Ministar rock bubbler light 12 volt AC, 10 watts, incl. 5 m cable and T-connector</td>
<td>20.110031</td>
</tr>
<tr>
<td>Ministar rock bubbler light set 12 volt AC, 20 VA transformer and 10-watt light bulb / 2 m supply lead with plug / 3 m lamp cable, incl. T-connector</td>
<td>20.110032</td>
</tr>
<tr>
<td>Ministar rock bubbler light set 12 volt AC, 20 VA transformer and 10-watt light bulb / 2 m supply lead with plug / 5 m lamp cable, incl. T-connector</td>
<td>20.110033</td>
</tr>
</tbody>
</table>

Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
These iron-core transformers and toroidal transformers are suitable for use with all staub designlight luminaires

(Exceptions: all RGB and RBGW multi-colour luminaires, high-power LED Gigaspot, LED Tube Light, LED Down Light, LED Opal Light, LED Linear Line, high-power LED Skyspot and high-power LED Poolstar)

**Transformer dimensions**

<table>
<thead>
<tr>
<th>Input voltage</th>
<th>Output voltage</th>
<th>Power</th>
<th>Fuse</th>
<th>a [mm]</th>
<th>b [mm]</th>
<th>c [mm]</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>230 volt AC, 50 hertz</td>
<td>12 volt AC</td>
<td>20 VA</td>
<td>T500 mAh</td>
<td>75</td>
<td>75</td>
<td>100</td>
<td>20.120520</td>
</tr>
<tr>
<td>230 volt AC, 50 hertz</td>
<td>12 volt AC</td>
<td>40 VA</td>
<td>T630 mAh</td>
<td>90</td>
<td>80</td>
<td>130</td>
<td>20.124560</td>
</tr>
<tr>
<td>230 volt AC, 50 hertz</td>
<td>12 volt AC</td>
<td>70 VA</td>
<td>T800 mAh</td>
<td>90</td>
<td>90</td>
<td>130</td>
<td>20.124570</td>
</tr>
<tr>
<td>230 volt AC, 50 hertz</td>
<td>12 volt AC</td>
<td>105 VA</td>
<td>T1.25 Ah</td>
<td>90</td>
<td>105</td>
<td>130</td>
<td>20.120105</td>
</tr>
<tr>
<td>230 volt AC, 50 hertz</td>
<td>12 volt AC</td>
<td>200 VA</td>
<td>T2.5 Ah</td>
<td>110</td>
<td>130</td>
<td>180</td>
<td>20.126013</td>
</tr>
<tr>
<td>230 volt AC, 50 hertz</td>
<td>12 volt AC</td>
<td>300 VA</td>
<td>T4.0 Ah</td>
<td>110</td>
<td>130</td>
<td>180</td>
<td>20.126300</td>
</tr>
</tbody>
</table>

**Toroidal transformers (ingress protection class IP54)**

<table>
<thead>
<tr>
<th>Input voltage</th>
<th>Output voltage</th>
<th>Power</th>
<th>Fuse</th>
<th>Diameter 110 mm</th>
<th>Height 50 mm</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>230 volt AC, 50 hertz</td>
<td>12 volt AC</td>
<td>105 VA</td>
<td>T1.25 Ah</td>
<td></td>
<td></td>
<td>20.120106</td>
</tr>
</tbody>
</table>

- High-quality, double-insulated safety transformer with iron core
- Extremely robust, sealed polyamide housing
- Extremely effective

**Description**

All transformers are suitable for outdoor use (not below water). They comply in full with the thermal and electric requirements of the European standard EN 61558-2-6:97

**Standard design**

Primary: 2 m cable with euro plug; secondary: 0.5 m open end cable; each transformer is protected by a replaceable fuse; integrated thermo switch against overheating

**Accessories** (optional extras available see pages 77–78)

Underground housing for all transformers and cable connections, rodent-proof braided hose, wireless remote control (see pages 62–65), mini motion detector, IR remote control for mini motion detector

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**Subject to change! Please see our safety instructions and Standard Terms!**

www.staub-designlight.ch
Wireless remote controls

Remote 1-channel flush-type switch (not waterproof)
- Item no.: 20.230300
- Description: Ideal for switching on/off all staub designlight luminaires, ambient temperatures: -20°C to +50°C
- Assembly: Suitable for flush or surface-mounting in areas protected from water; ingress protection class: IP20. Connect straight with power cable; must be installed/connected by an officially qualified and certified electrician.

Remote 1-channel flush-type switch (waterproof)
- Item no.: 20.230301
- Description: Ideal for switching on/off all staub designlight luminaires, ambient temperatures: -20°C to +50°C
- Assembly: Suitable for outdoor installation in all kinds of recesses that are prone to moisture.

Remote 2-channel flush-type switch (waterproof)
- Item no.: 20.230303
- Description: Ideal for switching on/off all staub designlight luminaires, ambient temperatures: -20°C to +50°C
- Assembly: Suitable for outdoor installation in all kinds of recesses that are prone to moisture.

Remote 4-channel flush-type switch (waterproof)
- Item no.: 20.230302
- Description: Ideal for switching on/off all staub designlight luminaires, ambient temperatures: -20°C to +50°C
- Assembly: Suitable for outdoor installation in all kinds of recesses that are prone to moisture.

Subject to change! Please see our safety instructions and Standard Terms!
Remote 2-channel flush-type switch kit (waterproof)  
| Remote flush-type switch with on/off function max. 2 x 1000 watts | Item no.  
| 205x145x85 mm (LxWxH) | 20.230310 |

**Description**  
Ideal for switching on/off all staub designlight luminaires, ambient temperatures: -20°C to +50°C  

**Assembly**  
Suitable for outdoor installation in all kinds of recesses that are prone to moisture  

**Housing**  
Splashproof, ingress protection class IP54; mains plug: ingress protection class IP20. The remote flush-type switch must be positioned towards the top of the recess to ensure good radio reception

Remote 4-channel flush-type switch kit (waterproof)  
| Remote flush-type switch with on/off function max. 4 x 1000 watts | Item no.  
| 190x140x70 mm (LxWxH) | 20.230311 |

**Description**  
Ideal for switching on/off all staub designlight luminaires, ambient temperatures: -20°C to +50°C  

**Assembly**  
Suitable for outdoor installation in all kinds of recesses that are prone to moisture  

**Housing**  
Splashproof, ingress protection class IP54; mains plug: ingress protection class IP20. The remote flush-type switch must be positioned towards the top of the recess to ensure good radio reception

Remote 1-channel flush-type dimmer (not waterproof)  
| Remote flush-type dimmer 25 watts – 250 watts, 50x50x25 mm (LxWxH) | Item no.  
|  | 20.230320 |

**Description**  
Ideal for dimming all staub designlight luminaires, ambient temperatures: -20°C to +50°C  

**Assembly**  
Suitable for flush or surface-mounting in areas that are protected from water; ingress protection class: IP20. Connect straight with power cable; must be installed/connected by an officially qualified and certified electrician

Remote 1-channel flush-type dimmer (waterproof)  
| Remote flush-type dimmer 25 watts – 2500 watts, 80x80x52 mm (LxWxH) | Item no.  
|  | 20.230321 |

**Description**  
Ideal for dimming all staub designlight luminaires, ambient temperatures: -20°C to +50°C  

**Assembly**  
Suitable for outdoor installation in all kinds of recesses that are prone to moisture  

**Housing**  
Splashproof, ingress protection class IP54; mains plug: ingress protection class IP20. The remote flush-type dimmer must be positioned towards the top of the recess to ensure good radio reception

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Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
**Remote 4-channel flush-type dimmer (waterproof)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ideal for switching on/off all staub designlight luminaires, ambient temperatures: -20°C to +50°C</td>
<td>20.230322</td>
</tr>
</tbody>
</table>

**Assembly**
Suitable for outdoor installation in all kinds of recesses that are prone to moisture

**Housing**
Splashproof, ingress protection class IP54; mains plug: ingress protection class IP20.
The remote flush-type dimmer must be positioned towards the top of the recess to ensure good radio reception

**Universal wireless handheld transmitter 42 channels, white**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>The universal wireless handheld transmitter is ideal for group commands; a maximum of 42 groups can be individually controlled and up to four lighting scenarios managed using the UP/DOWN/OFF dimmer features; ingress protection class IP20</td>
<td>20.230330</td>
</tr>
</tbody>
</table>

**Wireless wall switch, white**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>The universal wireless handheld transmitter is ideal for group commands; a maximum of 42 groups can be individually controlled and up to four lighting scenarios managed using the UP/DOWN/OFF dimmer features; ingress protection class IP20</td>
<td>20.230331 20.230332 20.230333</td>
</tr>
</tbody>
</table>

**Typical applications**
Ideal for switching on/off all staub designlight luminaires, ambient temperatures: -20°C to +50°C. Ingress protection class IP20

**Assembly**
Use screws or double-sided tape to fit to walls, glass, tiles, wood, etc.

**Wireless 2-channel timer, white**

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wireless timer with display to control two loads; ingress protection class IP20.</td>
<td>20.230340</td>
</tr>
</tbody>
</table>

**Typical applications**
Wireless timer with display to control two loads; ingress protection class IP20.

**Features:**
Weekly programming, astro function with local presetting of sunrise and sunset times, presence simulation, 2 daily commands

**Assembly**
Use screws or double-sided tape to fit to walls, glass, tiles, wood, etc.
### Wireless 2-channel motion detector, white

**Item no.** 20.230350

**Typical applications**
Pre-programmed wireless remote control kit for two outdoor loads activated via motion detector. Suitable for controlling garden and underwater lighting; the receiver has two 16 A output ports; direct switching of up to 3000-watt lighting loads per output; each output can be set to either on/off or pulse mode or set on a 9-hour timer. Individual or group commands possible; the 2-channel infrared motion detector with battery operates in on/off mode; adjustable features: brightness, activation, detection range, on/off time; power supply: 230 volt

**Assembly**
Attach with screws or double-sided tape to walls, glass, tiles, wood, etc. Must be installed/connected by an officially qualified and certified electrician

### MY-HAND control for Smartphone, PCs, tablets, etc.

**Item no.** 20.230360

**Options**
MY-Hand is a new automation interface, which connects to a wireless router and allows you to use any end device (PC, notebook, tablet or smartphone) as your network remote control via Internet or Ethernet. With MY-HAND, you can control and coordinate home automation systems, lighting, air conditioning and indoor safety with a single integrated system.

Contact us for a customised solution

### Mini motion detector

**Item no.** 20.230400

**Description**
Innovative mini motion detector to switch on/off all **staub designlight** luminaires; the 230 volt input is connected to the transformer/power supply; it has a sensing range of approx. 10 metres, which can be individually adjusted with cover-up clips; ingress protection class IP65 Programable operation modes: night, twilight or day; switch-off delay from 15 seconds to 30 minutes; waterproof, IP67 tested; quick and easy programming via control; manual activation/deactivation via remote control of max. 12 hours continuous lighting

<table>
<thead>
<tr>
<th>Mini motion detector mounted on top of the luminaire housing, 280° rotatable V2A stainless steel housing for Bollard Light, Topspot, LED Tube Light</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.230400</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mini motion detector mounted on top of a brushed V2A stainless steel pole (with mounting flange); 430 mm pole length, 280° rotatable V2A stainless steel housing for all staub designlight luminaires</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.230402</td>
</tr>
</tbody>
</table>

### Accessories for mini motion detector

<table>
<thead>
<tr>
<th>Remote control for mini motion detector, multi-button design with programming mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.230410</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remote control for mini motion detector, 2-button design (on/off)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.230411</td>
</tr>
</tbody>
</table>
19 Accessories

1 Mounting adapter for Linear Line Micro
2 Base plate
3 Light bulb for Mega-/ Honeycomb Spot
4 Light bulb for Maxispot
5 Light bulb for Spotlight
6 Bulb
7 Brass plug
8 Set of universal spanners
9 Ground spike, height-adjustable
10 Luminaire holder 115 mm
11 Luminaire holder with ring 45 mm
12 Luminaire holder 300 mm
13 Warm light filter, frosted lens
14 Honeycomb anti-glare louvre
15 Glare guard for Megaspot
16 Glare guard for Maxispot
17 Glare guard for Spotlight
18 O-rings
19 Corrugated rodent-proof conduit
20 Waterproof coupling
21 Junction box

www.staub-designlight.ch
Luminaire Holders

Description
- Maxispot, Megaspot, Ultraspot and Linear Line Micro can be positioned above or below water precisely with these luminaire holders which can be used with all staub designlight luminaires with the standard base
- Mounting options: base plate, brass plug or ground spike
Special design: V4A stainless steel, other colours on request

<table>
<thead>
<tr>
<th>Luminaire holders</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luminaire holder with joint, with holding ring</td>
<td></td>
</tr>
<tr>
<td>short</td>
<td>30 mm</td>
</tr>
<tr>
<td>medium</td>
<td>105 mm</td>
</tr>
<tr>
<td>long</td>
<td>295 mm</td>
</tr>
<tr>
<td>Luminaire holder with joint, without holding ring</td>
<td></td>
</tr>
<tr>
<td>short</td>
<td>40 mm</td>
</tr>
<tr>
<td>medium</td>
<td>115 mm</td>
</tr>
<tr>
<td>long</td>
<td>300 mm</td>
</tr>
<tr>
<td>extra lang</td>
<td>600 mm</td>
</tr>
</tbody>
</table>

Description
Our luminaire holder facilitates quick and easy installation of all staub designlight luminaires in plant pots or onto all kinds of metal, wooden or plastic cover using a gland. This enables luminaires to be positioned accurately and easily in tricky locations. Tilt, height adjustment and distance between plant pot and light are designed to customer specifications. Both axes are variably adjustable up to max. 290 mm.

<table>
<thead>
<tr>
<th>Luminaire holders</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>for flower pots with ground spike, without holding ring (fig. 1)</td>
<td>20.131030</td>
</tr>
<tr>
<td>for flower pots with gland, without holding ring (fig. 2)</td>
<td>20.131031</td>
</tr>
<tr>
<td>with gland, without holding ring (fig. 3)</td>
<td>20.131032</td>
</tr>
</tbody>
</table>

Subject to change! Please see our safety instructions and Standard Terms!
## Base Plate, Ground Spike, Brass Plug, Spanners

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Item No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Base plate</strong></td>
<td>All our luminaire holders can be screwed to this base plate</td>
<td>20.132000</td>
</tr>
<tr>
<td></td>
<td>V2A stainless steel</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Typical applications:</strong> indoors and outdoors, above and below water</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Item No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ground spike</strong></td>
<td>Ground spike, 230 mm (not height-adjustable), see photo above</td>
<td>20.189000</td>
</tr>
<tr>
<td></td>
<td>Ground spike, 280 mm, with long luminaire holder, without holding ring (variably height-adjustable), see above image</td>
<td>20.189002</td>
</tr>
<tr>
<td></td>
<td>Ground spike, 280 mm, with long luminaire holder, with holding ring (variably height-adjustable), see image no. 9 on page 67</td>
<td>20.189003</td>
</tr>
<tr>
<td></td>
<td>Extremely stable design, V2A stainless steel, black coated</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Our 230 mm ground spike is suitable for use with all luminaire holders</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adjustable height for variably adjustable luminaire holders: 45 mm – 285 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Typical applications:</strong> soil, gravel, etc., above or below water</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Item No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Brass plug</strong></td>
<td>This brass plug is suitable for use with all luminaire holders</td>
<td>20.194000</td>
</tr>
<tr>
<td></td>
<td>Stainless steel design (brass)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Typical applications:</strong> indoors and outdoors, above and below water level, to be directly mounted in stone, concrete, wood, plastic, etc.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Item No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Spanners for mounting purposes</strong></td>
<td>Set of universal spanners for Ultra-, Maxi-, Mega-, Giga-, Angle- and Superspot</td>
<td>20.220022</td>
</tr>
<tr>
<td></td>
<td>Tool set for Honeycomb Spot</td>
<td>20.220016</td>
</tr>
<tr>
<td></td>
<td>Tool set for Skyspot</td>
<td>20.220023</td>
</tr>
</tbody>
</table>

All Ultraspots, Maxispots, Megaspots, Gigaspots, Angle Spots, Superspots, Honeycomb Spots and Skyspots can be fitted securely and easily using the appropriate spanner. Dirty, slippery underwater lights can be very difficult to open by hand. Pliers will damage the surface of the luminaire. At our factory, we use these special spanners to seal all the above luminaires. We recommend purchasing one of these handy tools to re-open the luminaire (e.g. to change the light bulb or module or to adjust the light beam angle).

△ Subject to change! Please see our safety instructions.
### Waterproof Coupler, Warm Light Filters, Frosted Lens

#### Assembly adapter for Linear Line Micro

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.131040</td>
<td>Assembly adapter for Linear Line Micro (order luminaire holder separately)</td>
</tr>
</tbody>
</table>

Firmly secure luminaire housings to walls/ceilings or floors using this assembly adapter combined with any of the three luminaire holders (with base plate or brass plug) or ground spike. Height (only with ground spike) and tilt can be variably adjusted.

#### Waterproof Coupler

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.130960</td>
<td>Waterproof coupler</td>
</tr>
</tbody>
</table>

- Beautifully designed V2A stainless steel ends with gold plated contacts for mating cables
- Easy assembly/disassembly in just a few seconds
- 100% waterproof coupler IP68, for all 12 volt AC connecting cables, max. 50 watts
- This waterproof coupler must be factory-fitted during production of the luminaire; retrofitting is possible only in certain cases

#### Dummy Plug

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.130963</td>
<td>Dummy plug for waterproof coupler</td>
</tr>
</tbody>
</table>

- The dummy plug protects the waterproof coupler from water ingress and contamination when the luminaire is removed during the winter, for example

#### Warm Light Filters

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.509050</td>
<td>for Spotlights, Ultraspot and Superspot Mini</td>
</tr>
<tr>
<td>20.509060</td>
<td>for Flat Lamps</td>
</tr>
<tr>
<td>20.509061</td>
<td>for Minispot</td>
</tr>
<tr>
<td>20.509051</td>
<td>for Maxispot and Superspot</td>
</tr>
<tr>
<td>20.509053</td>
<td>for Megaspot and Honeycomb Spot</td>
</tr>
<tr>
<td>20.509062</td>
<td>for Gigaspot</td>
</tr>
</tbody>
</table>

#### Frosted Lens

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.509059</td>
<td>for Spotlights, Ultraspot and Superspot Mini</td>
</tr>
<tr>
<td>20.509070</td>
<td>for Minispot</td>
</tr>
<tr>
<td>20.509055</td>
<td>for Maxispot and Superspot</td>
</tr>
<tr>
<td>20.509056</td>
<td>for Megaspot and Honeycomb Spot</td>
</tr>
<tr>
<td>20.509063</td>
<td>for Gigaspot</td>
</tr>
</tbody>
</table>

- For warm and soft light colours
- Ideal for Mediterranean landscaped gardens
- Dichroic filters available upon request

⚠️ Subject to change! Please see our safety instructions.
Tube Glare Guard, Tree Strap

**Description**
The products listed below provide glare protection for all Spotlights and spots; the glare guards can be secured easily, even as a retrofit, to the luminaire housing.

**Material**
V2A stainless steel (except tube glare guard for Spotlight: nickel-plated brass)

<table>
<thead>
<tr>
<th>Tube glare guard</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tube glare guard for Spotlight</td>
<td>20.130930</td>
</tr>
<tr>
<td>Tube glare guard for Ultraspot</td>
<td>20.130935</td>
</tr>
<tr>
<td>Tube glare guard for Maxispot</td>
<td>20.130920</td>
</tr>
<tr>
<td>Tube glare guard for Megaspot</td>
<td>20.130950</td>
</tr>
<tr>
<td>Tube glare guard for high-power LED Gigaspot</td>
<td>20.130951</td>
</tr>
</tbody>
</table>

**Tree strap**

<table>
<thead>
<tr>
<th>Tree strap</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tree strap, 40 cm strap length (longer straps upon request)</td>
<td>20.195000</td>
</tr>
</tbody>
</table>

**Description**
Use in combination with any of the luminaire holders to strap and position all Spotlight and “spot” luminaires onto trees, branches or columns.

**Material**
Nylon strap, rubber pad, metal buckle

⚠️ Subject to change! Please see our safety instructions and Standard Terms!
Honeycomb Anti-glare Louvre, Cable Glands, Assembly Aid

### Honeycomb anti-glare louvre

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>The above-mentioned honeycomb anti-glare louvres provide almost total glare protection for all spots without protruding shields; Honeycomb anti-glare louvres are inserted in front of the light bulb or LED inside the luminaire and must be factory-fitted during production of the luminaire. If you choose to retrofit the louvre, the front of the luminaire will have to be replaced!</td>
<td>20.130965, 20.130970, 20.130980, 20.130985, 20.130986, 20.130990</td>
</tr>
</tbody>
</table>

### Cable glands

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable glands ensure the waterproof insertion of all electric cables; supplied with O-ring and lock nut; IP class 68</td>
<td>20.509026, 20.509024, 20.509023</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 1</td>
<td>20.509026</td>
</tr>
<tr>
<td>Type 2</td>
<td>20.509024</td>
</tr>
<tr>
<td>Type 3</td>
<td>20.509023</td>
</tr>
</tbody>
</table>

### Typical applications

Above or below water (without chlorine, hydrochloric acid or other aggressive additives)

### Assembly aid

Assembly aid for high-power LED Skyspot

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>This suction cup facilitates the quick and easy insertion and removal of the high-power LED Skyspot into/from the mounting tube</td>
<td>20.220070</td>
</tr>
</tbody>
</table>

⚠️ Subject to change! Please see our safety instructions and Standard Terms!
## Halogen Light Bulbs

To ensure maximum lifetime of your staub designlight halogen luminaires, we recommend that only the specified halogen light bulbs be used. Halogen light bulbs have an average lifespan between 2,000 to 20,000 hrs.

Always make sure to also replace the O-ring when exchanging the light bulb to ensure that the sealing is intact. The O-ring must be ordered separately.

### Standard base (Spotlight, Flash Light, Flat Lamp, Angle Spot with glass bulb lamp)

<table>
<thead>
<tr>
<th>Item</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Halogen light bulb, 12 volt, 5 watts, G 4</td>
<td>20.170513</td>
</tr>
<tr>
<td>Halogen light bulb, 12 volt, 10 watts, G 4</td>
<td>20.171013</td>
</tr>
<tr>
<td>Halogen light bulb, 12 volt, 20 watts, G 4</td>
<td>20.172013</td>
</tr>
<tr>
<td>O-ring for standard socket</td>
<td>20.139900</td>
</tr>
</tbody>
</table>

### Flash Light

- Xenon tube, 12 volt, 10 watts, G4 (lifespan about 20,000 h)
  - Item no. 20.170812
- O-ring for standard socket
  - Item no. 20.139900

### Ultraspot

- Halogen light bulb, 12 volt, 20 watts, 20°, GY 6.35
  - Item no. 20.172020
- O-ring for Ultraspot
  - Item no. 20.139908

### Angle Spot with ball catch

- Halogen light bulb, 12 volt, 20 watts, GY 6.35
  - Item no. 20.172018
- Halogen light bulb, 12 volt, 35 watts, GY 6.35
  - Item no. 20.172019
- O-ring for Angle Spot
  - Item no. 20.139902

### Maxispot and Superspot

- Halogen light bulb, 12 volt, 10 watts, 36°, GU 4
  - Item no. 20.171038
- Halogen light bulb, 12 volt, 20 watts, 10°, GU 4
  - Item no. 20.172010
- Halogen light bulb, 12 volt, 20 watts, 36°, GU 4
  - Item no. 20.172038
- Halogen light bulb, 12 volt, 35 watts, 10°, GU 4
  - Item no. 20.173510
- Halogen light bulb, 12 volt, 35 watts, 36°, GU 4
  - Item no. 20.173538
- O-ring for Maxispot and Superspot
  - Item no. 20.139902

### Megaspot and Honeycomb Spot

- Halogen light bulb, 12 volt, 20 watts, 36°, GU 5.3
  - Item no. 20.176038
- Halogen light bulb, 12 volt, 35 watts, 10°, GU 5.3
  - Item no. 20.176042
- Halogen light bulb, 12 volt, 35 watts, 24°, GU 5.3
  - Item no. 20.176039
- Halogen light bulb, 12 volt, 35 watts, 36°, GU 5.3
  - Item no. 20.176045
- Halogen light bulb, 12 volt, 35 watts, 60°, GU 5.3
  - Item no. 20.176047
- Halogen light bulb, 12 volt, 50 watts, 10°, GU 5.3
  - Item no. 20.176043
- Halogen light bulb, 12 volt, 50 watts, 24°, GU 5.3
  - Item no. 20.176040
- Halogen light bulb, 12 volt, 50 watts, 36°, GU 5.3
  - Item no. 20.176046
- Halogen light bulb, 12 volt, 50 watts, 60°, GU 5.3
  - Item no. 20.176048
- O-ring for Megaspot
  - Item no. 20.139906
- O-ring for Honeycomb Spot (upper part without fixing holes)
  - Item no. 20.139907
- O-ring for Gigaspot
  - Item no. 20.139909
Description
The new patented high-power LED modules feature dimmable, temperature-controlled electronics, high-power LED and lens integrated in the aluminum housing. If the maximum ambient temperature is exceeded, the integrated electronics automatically adjust the power. LED damage due to overheating is now a thing of the past. All luminaires listed below (date of manufacture from 1 January 2010) can easily be converted from halogen to the new high-power LED technology.

Advantages of the high-power LED technology
Extremely long lifespan: about 50,000 hours (at an average use of 6 hours per day for approx. 20 years), no heated light bulbs, very low power consumption, no maintenance

The following luminaires accept our new high-power LED module:

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-power LED module, temperature-controlled</td>
<td></td>
</tr>
<tr>
<td>12 volt AC, 3 watts, 16°, module for Maxispot and Superspot, warm white</td>
<td>20.176100</td>
</tr>
<tr>
<td>12 volt AC, 3 watts, 22°, module for Maxispot and Superspot, warm white</td>
<td>20.176101</td>
</tr>
<tr>
<td>12 volt AC, 3 watts, 36°, module for Maxispot and Superspot, warm white</td>
<td>20.176102</td>
</tr>
<tr>
<td>12 volt AC, 3 watts, module for Angle Spot, warm white</td>
<td>20.176103</td>
</tr>
<tr>
<td>12 volt AC, 9 watts, 14°, module for Megaspot, warm white</td>
<td>20.176104</td>
</tr>
<tr>
<td>12 volt AC, 9 watts, 20°, module for Megaspot, warm white</td>
<td>20.176105</td>
</tr>
<tr>
<td>12 volt AC, 9 watts, 40°, module for Megaspot, warm white</td>
<td>20.176106</td>
</tr>
<tr>
<td>12 volt AC, 9 watts, 14°, module for Honeycomb Spot, warm white</td>
<td>20.176107</td>
</tr>
<tr>
<td>12 volt AC, 9 watts, 20°, module for Honeycomb Spot, warm white</td>
<td>20.176108</td>
</tr>
<tr>
<td>12 volt AC, 9 watts, 40°, module for Honeycomb Spot, warm white</td>
<td>20.176109</td>
</tr>
</tbody>
</table>

All high-power LED modules and lenses are also available individually and in cold white (5000 K) on request

Additional items as per price list

⚠️ Subject to change! Please see our safety instructions and Standard Terms!

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### Mounting Tube, Ground Anchor

**Material**
- V2A stainless steel for Superspot and Angle Spot
- Anodised aluminium tube for Honeycomb Spot and HP LED Skyspot

**Assembly**
- To be cemented into the ground
- To be inserted into gravel or soil
- Aluminium heat sink required for Superspot and Angle Spot

<table>
<thead>
<tr>
<th>Mounting tube</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>for Superspot and Angle Spot</td>
<td>20.698048</td>
</tr>
<tr>
<td>for Honeycomb Spot with flange (including ball catch)</td>
<td>20.698051</td>
</tr>
<tr>
<td>for HP LED Skyspot</td>
<td>20.698030</td>
</tr>
<tr>
<td>for HP LED Skyspot super</td>
<td>20.698031</td>
</tr>
</tbody>
</table>

**Ground anchor**

**Material**
- V2A stainless steel

**Assembly**
- To be cemented into the ground
- The luminaires are secured to the ground anchor with three M6 screws

<table>
<thead>
<tr>
<th>Ground anchor</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>for Topspot, LED Tube Light and high-power Acrylic Luminaire</td>
<td>20.189100</td>
</tr>
</tbody>
</table>

*Subject to change! Please see our safety instructions and Standard Terms!*
Material
V2A/V4A stainless steel

Dimensions:
for Superspot/Angle Spot short 100 x 35 x 100 mm
for Superspot/Angle Spot long 130 x 100 x 100 mm
for Honecomb Spot 108 x 55 x 150 mm
for high-power LED Poolstar 159 x 55 x 100 mm
for high-power LED Skyspot 220 x 100 x 250 mm
for high-power LED Skyspot super 220 x 100 x 320 mm

Assembly
Flush-mounted installation in gravel, soil or grass
(interior can be filled with coarse gravel or remain empty. Do not fill it with soil!),
quick and easy assembly

Typical applications
The square in-ground box is suitable for use with high-power LED luminaires, light angle can be variably adjusted

---

Material
V2A stainless steel

Dimensions:
for Spotlight/Ultraspot 100 x 35 x 100 mm
for Maxispot 120 x 55 x 100 mm
for Megaspot 130 x 100 x 100 mm

Our scope of delivery
Without ground spike and luminaire, including short luminaire holder short

Assembly
Flush-mounted installation in gravel, soil or grass
(interior can be filled with coarse gravel or remain empty. Do not fill it with soil!),
quick and easy assembly

Typical applications
The square in-ground box is suitable for use with high-power LED luminaires, light angle can be variably adjusted

---

In-ground box, square

<table>
<thead>
<tr>
<th>Material</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>for Spotlight/Ultraspot</td>
<td>20.168030</td>
</tr>
<tr>
<td>for Maxispot (max. 20 watts)</td>
<td>20.168031</td>
</tr>
<tr>
<td>for Maxispot (max. 35 watts)</td>
<td>20.168032</td>
</tr>
</tbody>
</table>

---

Mounting case to be recessed into walls, ground or ceilings

<table>
<thead>
<tr>
<th>Mounting case</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>for Spotlight/Ultraspot</td>
<td>20.168005</td>
</tr>
<tr>
<td>for Superspot / Angle Spot short</td>
<td>20.168022</td>
</tr>
<tr>
<td>for Superspot / Angle Spot long</td>
<td>20.168008</td>
</tr>
<tr>
<td>for Honecomb Spot</td>
<td>20.168019</td>
</tr>
<tr>
<td>for HP LED Poolstar</td>
<td>20.168020</td>
</tr>
<tr>
<td>for HP LED Skyspot</td>
<td>20.168021</td>
</tr>
<tr>
<td>for HP LED Skyspot super</td>
<td>20.168021</td>
</tr>
</tbody>
</table>

---

Subject to change! Please see our safety instructions and Standard Terms!

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Mounting Case, Mounting Sleeve

Typical applications
The mounting case is suitable for use with the following luminaires:
HP LED or halogen Superspot, HP LED or halogen Angle Spot

Material
V2A stainless steel

Mounting case assembly for all types of pool
Insert the mounting case through the installation hole (62 mm diameter into the pool floor or wall and secure to clamping ring with 6 screws.
To ensure optimal sealing, insert silicone flat gasket between mounting case flange and pool wall/floor. No flat gasket is required for pond liners

Stuffing gland
The stuffing gland prevents water from leaking out of the pools

Concrete walls
A mounting tube must be secured to the timber shuttering and an electric wiring conduit inserted in it prior to pouring the concrete

Luminaire installation
Use retainer to click luminaire into the mounting case. The luminaire front can be adjusted to the desired position after installation. It is advisable to keep a 0.5 m length of cable in reserve in the mounting case to facilitate bulb replacement

<table>
<thead>
<tr>
<th>Mounting case for Superspot and Angle Spot</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>for high-power LED or halogen Superspot, high power-LED or halogen Angle Spot</td>
<td>20.168013</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mounting sleeve</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>for LED Minispot</td>
<td>20.168016</td>
</tr>
<tr>
<td>for LED Superspot Mini and LED Ultraspot</td>
<td>20.168017</td>
</tr>
<tr>
<td>for Superspot Compact</td>
<td>20.168018</td>
</tr>
</tbody>
</table>

Subject to change! Please see our safety instructions and Standard Terms!
Rodent-proof Braided Hose, Underground Housing

Material
V2A stainless steel flexible braided hose

Assembly
The rodent-proof corrugated conduit is sealed directly to the luminaire base during the manufacture of the luminaire. It comes in a standard length of 40 cm measured from the luminaire housing and is included in the price. If required, a rodent-proof braided hose can be ordered for the total cable length of the luminaire set. We use a flexible braided hose made of stainless steel (see left picture). Sometimes rodents even dig out cables buried in the ground. It is therefore important to ensure that the luminaire cable together with the end of the rodent-proof braided hose is inserted directly into the electric wiring conduit.

The rodent-proof braided hose is a high-quality flexible product made of stainless steel. It provides fairly reliable protection against damage by rodents. However, we cannot guarantee that the rodent-proof corrugated conduit, braided hose or luminaire cables will not be damaged by rodents.

Typical applications
We recommend using rodent-proof braided hoses where animals (particularly rodents) can access unprotected luminaire cables.

<table>
<thead>
<tr>
<th>Protection from rodents</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rodent-proof braided hose for electric cable 1.0 mm², per metre</td>
<td>20.509012</td>
</tr>
<tr>
<td>Rodent-proof braided hose for electric cable 1.5 mm², per metre</td>
<td>20.509020</td>
</tr>
<tr>
<td>Rodent-proof braided hose for electric cable 2.5 mm², per metre</td>
<td>20.509021</td>
</tr>
</tbody>
</table>

Description
Extremely robust multi-purpose housing with lid suitable, for all transformers and cable connections; quick and easy to assemble; must not be driven over by vehicles

Material: polypropylene (PP), light grey

Dimensions: see below

Assembly: anywhere in the ground

Note
For outdoor installation, holes must be drilled into the housing bottom for drainage purposes

<table>
<thead>
<tr>
<th>Underground housing</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>External dimensions</td>
<td>Internal dimensions</td>
</tr>
<tr>
<td>small</td>
<td>200 mm x 200 mm x 200 mm</td>
</tr>
<tr>
<td>medium</td>
<td>300 mm x 300 mm x 310 mm</td>
</tr>
<tr>
<td>large</td>
<td>400 mm x 400 mm x 360 mm</td>
</tr>
</tbody>
</table>

⚠️ Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
Cable Joint Kit, Potting Device

**Contents**
- Two potting cases, L 32, W 27, H 35 mm
- Two potting cases, L 41, W 35, H 35 mm
- Four 3-position terminal blocks
- 80 ml potting compound (2 components)
- Acetone (cable cleaner), protective gloves
- Instructions for use

**Typical applications**
For waterproof connection of 2-3 cables, above or below water (without chlorine or hydrochloric acid additives), indoor and outdoor

**Potting compound**
- approx. 1 hour curing time at 23°C
- approx. 1.5 hours curing time at 0°C

**Cable joint kit**
<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.220013</td>
<td>Cable joint kit for 2 cable joints with 80 ml potting compound (see picture above)</td>
</tr>
<tr>
<td>20.220020</td>
<td>Cable joint kit for 1 cable joint with 80 ml potting compound</td>
</tr>
</tbody>
</table>

**Electrical connection box kit**
<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.220019</td>
<td>Electrical connection box kit with 180 ml potting compound</td>
</tr>
</tbody>
</table>

**Junction box**
<table>
<thead>
<tr>
<th>Item no.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This junction box is designed for connecting two cables of max. 1.5 mm² quickly and easily; 100% waterproof (IP68); thanks to the gel sealant, the box can be reopened if necessary</td>
</tr>
</tbody>
</table>
Cleaning and Care Kit, Adhesive Sealant, Assembly Case

Contents
- 1 x contact cleaner for dirt and oxides
- 1 x deep cleaner
- 1 x stainless steel polish
- 1 x Scotch-Brite sponge
- 2 x microfibre cloths
- Gloves
- Instructions for use

Description
Highly effective cleaning and care products restore all stainless steel surfaces (luminaire housings, trims, etc.) and provide lasting protection from environmental influences.

Cleaning and care kit

Adhesive sealant

Description
This product is a unique, permanently elastic, 1-component adhesive sealant based on an MS polymer; it provides excellent adhesion even to tricky materials and difficult surfaces, e.g. moist or wet surfaces or even underwater; this product contains no solvents and can be painted over.

Typical applications
For permanent bonding and sealing of almost all materials: iron, stainless steel, copper, brass, zinc-plated parts, aluminium, etc.; nearly all plastics, acrylic glass, polyester, foamed material, rubber, etc.; glass (also mirrors), wood, stone, concrete, marble, etc. No discoloration of natural stone, such as marble or granite; staub designlight ag assumes no liability nor provides any warranty in this regard.

Assembly case

Case lid contents
- 1 x screwdriver no. 0
- 1 x screwdriver no. 2
- 1 x cross-point screwdriver
- 1 x set of universal spanners
- 1 x diagonal cutter
- 1 x combination pliers
- 1 x wire stripping pliers

Case bottom contents
- 1 x repair set for cable joints
- 1 x A5 note pad
- 1 x 3 m measuring tape
- 1 x black duct tape
- 1 x spare parts retainer
  with various spare and repair parts

Description
This practical tool case comes in aluminium and is suitable for all assembly, maintenance and repair work. It contains all the important tools and spare parts for the whole range our staub designlight luminaires.

Subject to change! Please see our safety instructions and Standard Terms!
### Demo Case

#### Description
This demo case contains a selection of original housings to present our quality products to your customers. All luminaires can be operated with the integrated 50 VA transformer for demonstration purposes.

<table>
<thead>
<tr>
<th>Demo case</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eco (ECO)</td>
<td>20.150005</td>
</tr>
<tr>
<td>Microspot demo case (optional)</td>
<td>20.150015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Demo case</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional (DLP)</td>
<td>20.150004</td>
</tr>
<tr>
<td>Microspot demo case (optional)</td>
<td>20.150015</td>
</tr>
</tbody>
</table>

⚠️ Subject to change! Please see our safety instructions and Standard Terms!
### Description

This demo case contains a selection of original housings to present our quality products to your customers. All luminaires can be operated with the integrated 50 VA transformer for demonstration purposes.

<table>
<thead>
<tr>
<th>Demo case</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional + (DLP +)</td>
<td>20.150006</td>
</tr>
</tbody>
</table>
20 Gel Burner

Description
Beautifully designed container for gel burner, V2A stainless steel, 1 litre capacity; quick and easy to set up

Mounting options
Gel burners are quick and easy to set up by just placing them in an appropriate location

Note
Gel burners must be secured at the side to prevent overturning. The location for installing the burner must be fire proof

Delivery does not include rock

Special design
V4A stainless steel

Installation dimensions
Burner: ø115 mm / bore hole: ø120 mm / upper flange: ø125 mm / bore hole depth: min. 125 mm

- For outdoor use
- Quick and easy to set up
- Provides quiet and clean flame with no odour
- 2 hours burn time with 1 litre fuel gel
- Frost-proof

Subject to change! Please see our safety instructions and Standard Terms!

www.staub-designlight.ch
Description
You can send us a simple hand drawing of your individual linear- or star-configured set of lights according to the samples below.

Transformer: max. connected load for 12 V AC output:
- for linear-configured sets: max. 200 watts
- for star-configured sets: max. 300 watts

Cable
The standard cable run should not exceed 20 metres between the transformer and the last luminaire. To prevent the luminaire cables from being damaged, it is recommended that they be placed in electric wiring conduits.

### Linear-configured set:

- Transformer with plug
- 200 watts
- 2 m 2 m 2 m 3.5 m
- All cable joints not sealed / please supply potting compound
- Electrical connection box not sealed

### Star-configured set:

- Transformer with plug
- 300 watts
- 0.5 m
- 9.5 m 9.5 m
- 9.5 m
- Electrical connection box not sealed (please supply potting compound)

### Other examples:

- Transformer with plug
- 300 watts
- 0.5 m
- 1 m 1.5 m 1 m 1 m
- Cable joint not sealed / please supply potting compound
- Transformer with plug
- 300 watts
- 0.5 m
- 1 m
- 5 m
- Cable joint sealed
- Electrical connection box not sealed
Luminaire Set Examples

Linear-configured set
not sealed

Star-configured set
sealed
### Halogen

The light bulb is filled with halogen gas, which prevents darkening of the bulb. Inside the light bulb, the filament is heated at several thousands degree Celsius until it glows, generating light and heat. A reflector creates the required light beam angle. Halogen technology is usually operated with 12 volt AC (indoors and outdoors) or 230 volt AC (indoors only).

**Conclusion:**
Reliable halogen technology should be used wherever a strong “warm” light source is required.

<table>
<thead>
<tr>
<th>Technology</th>
<th>Advantages</th>
<th>Disadvantages</th>
</tr>
</thead>
</table>
| Halogen    | - Powerful and reliable bright light  
- Warm and soft light  
- No need for any electronics | - Lifespan of light bulb: approx. 2,000 to 4,000 hours  
- High operating temperatures at luminaire housing (sometimes above 150°C)  
- Higher power consumption than LEDs |
| LED        | - Extremely long lifespan  
- Effect LEDs approx. 100,000 hours  
- High-power LEDs approx. 50,000 hours  
- Low heat generation (about 50°C)  
- Extremely low power consumption  
- Maintenance-free | - LED output still weaker than that of halogen bulbs when used in the same luminaire housing  
- Colour spectrum smaller compared with halogen light |

### LED

LED lamps (light emitting diode) consist of tiny semiconductor crystals. A special process makes the electrons of the crystal atoms glow. A reflector then transfers the generated light to the outside. LEDs can provide different coloured light, depending on the material. Some LEDs can even emit different colours (RGB) from the same housing. Brightness, colour and colour spectrum of high-power LEDs is continuously being improved.

LEDs are designed for an operating voltage of 2-4 volt. Using appropriate electronics, they can be directly connected with 12 volt alternating voltage. It is therefore possible to operate them in combination with 12 volt halogen lamps using the same transformer. Depending on the manufacturer, they can also be operated with 24 or 50 volt DC.

**Conclusion:**
LED technology is recommended for all areas that require low-maintenance, modern and creative lighting. Their extremely long lifespan of 40 years for an average use of 6 hours per day provides an additional benefit. The new LED technology is likely to replace existing halogen technology over the next few years. Our luminaires come with the latest and best high-power LED types available worldwide.

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**THE LIGHT OF THE FUTURE**
## Halogen Light Beam Angles, Energy Rating

### Honeycomb Spot 50 watts

- **Light beam angle**: 20°
- **782 Lux** at 0.4 m, 1 m
- **196 Lux** at 0.7 m, 2 m
- **49 Lux** at 1.4 m, 4 m
- **Luminous intensity (Candela)**: 800 cd
- **Luminous flux (Lumen)**: 76.4 lm
- **Illuminance (Lux)**: 195 Lux
- **Energy rating**: B

### Megaspot 35 watts, 35 mm

- **Light beam angle**: 30°
- **649 Lux** at 0.6 m, 1 m
- **162 Lux** at 1.3 m, 2 m
- **41 Lux** at 2.6 m, 4 m
- **Luminous intensity (Candela)**: 700 cd
- **Luminous flux (Lumen)**: 215.3 lm
- **Illuminance (Lux)**: 162 Lux
- **Energy rating**: B

### Maxispot 35 watts, 35 mm

- **Light beam angle**: 30°
- **6163 Lux** at 0.2 m, 1 m
- **1541 Lux** at 0.3 m, 2 m
- **385 Lux** at 0.7 m, 4 m
- **Luminous intensity (Candela)**: 6200 cd
- **Luminous flux (Lumen)**: 1482 lm
- **Illuminance (Lux)**: 1541 Lux
- **Energy rating**: B

### Maxispot 35 watts, 35 mm

- **Light beam angle**: 30°
- **1298 Lux** at 0.6 m, 1 m
- **324 Lux** at 1.3 m, 2 m
- **81 Lux** at 2.6 m, 4 m
- **Luminous intensity (Candela)**: 1400 cd
- **Luminous flux (Lumen)**: 430.5 lm
- **Illuminance (Lux)**: 325 Lux
- **Energy rating**: B

### Superspot 35 watts, 35 mm

- **Light beam angle**: 24°
- **1391 Lux** at 0.6 m, 1 m
- **348 Lux** at 1.3 m, 2 m
- **87 Lux** at 2.6 m, 4 m
- **Luminous intensity (Candela)**: 1500 cd
- **Luminous flux (Lumen)**: 4613 lm
- **Illuminance (Lux)**: 348 Lux
- **Energy rating**: B

### Maxispot 35 watts, 35 mm

- **Light beam angle**: 30°
- **1240 Lux** at 0.2 m, 1 m
- **310 Lux** at 0.3 m, 2 m
- **77 Lux** at 0.7 m, 4 m
- **Luminous intensity (Candela)**: 12500 cd
- **Luminous flux (Lumen)**: 298.9 lm
- **Illuminance (Lux)**: 3107 Lux
- **Energy rating**: B

### Honeycomb Spot 50 watts

- **Light beam angle**: 24°
- **2998 Lux** at 0.4 m, 1 m
- **750 Lux** at 0.9 m, 2 m
- **187 Lux** at 1.7 m, 4 m
- **Luminous intensity (Candela)**: 9500 cd
- **Luminous flux (Lumen)**: 227.1 lm
- **Illuminance (Lux)**: 2361 Lux
- **Energy rating**: B

### Megaspot 35 watts, 35 mm

- **Light beam angle**: 24°
- **2040 Lux** at 0.6 m, 1 m
- **510 Lux** at 1.3 m, 2 m
- **127 Lux** at 2.6 m, 4 m
- **Luminous intensity (Candela)**: 2200 cd
- **Luminous flux (Lumen)**: 676.5 lm
- **Illuminance (Lux)**: 510 Lux
- **Energy rating**: B

### Maxispot 35 watts, 35 mm

- **Light beam angle**: 36°
- **884 Lux** at 1.2 m, 1 m
- **221 Lux** at 2.3 m, 2 m
- **55 Lux** at 4.6 m, 4 m
- **Luminous intensity (Candela)**: 1100 cd
- **Luminous flux (Lumen)**: 926 lm
- **Illuminance (Lux)**: 221 Lux
- **Energy rating**: B

### Maxispot 35 watts, 35 mm

- **Light beam angle**: 36°
- **1298 Lux** at 0.6 m, 1 m
- **324 Lux** at 1.3 m, 2 m
- **81 Lux** at 2.6 m, 4 m
- **Luminous intensity (Candela)**: 1400 cd
- **Luminous flux (Lumen)**: 430.5 lm
- **Illuminance (Lux)**: 325 Lux
- **Energy rating**: B

### Maxispot 35 watts, 35 mm

- **Light beam angle**: 36°
- **1391 Lux** at 0.6 m, 1 m
- **348 Lux** at 1.3 m, 2 m
- **87 Lux** at 2.6 m, 4 m
- **Luminous intensity (Candela)**: 1500 cd
- **Luminous flux (Lumen)**: 4613 lm
- **Illuminance (Lux)**: 348 Lux
- **Energy rating**: B

### Honeycomb Spot 50 watts

- **Light beam angle**: 24°
- **2040 Lux** at 0.6 m, 1 m
- **510 Lux** at 1.3 m, 2 m
- **127 Lux** at 2.6 m, 4 m
- **Luminous intensity (Candela)**: 2200 cd
- **Luminous flux (Lumen)**: 676.5 lm
- **Illuminance (Lux)**: 510 Lux
- **Energy rating**: B

### Maxispot 35 watts, 35 mm

- **Light beam angle**: 36°
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- **Luminous flux (Lumen)**: 926 lm
- **Illuminance (Lux)**: 221 Lux
- **Energy rating**: B

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**Energy rating**

- **Class A**: Best energy efficiency
- **Class B**: Good energy efficiency
- **Class C**: Standard energy efficiency
- **Class D**: Poor energy efficiency
High-power LED and Module Light Beam Angles, CRI, Energy Rating

CRI values: We only use the best high-power LEDs with a colour rendering index (CRI value) < 80 or, if available, < 90.

www.staub-designlight.ch
Safety instructions for all staub designlight products

1. All staub designlight luminaires must be operated only with the transformers and power supply units specified in the catalogue with the appropriate power/voltage.

2. With staub designlight luminaires that have been screwed together, check that the front part is tightly closed before using for the first time. Use the universal spanner for this purpose (see Accessories). Otherwise, the leakproofness of the luminaire cannot be guaranteed.

3. Always remember to switch off the power supply before opening the luminaire. If the luminaire is wet, dry the housing thoroughly.

4. Do not expose the hot halogen light to water. The light glass will be damaged by a sudden change in temperature.

5. Never handle the luminaire when it is still switched on or hot. Caution: risk of burns with halogen lights!

6. When operating the staub designlight halogen luminaire above water, maintain a minimum safety distance of 20 cm from flammable or heat-sensitive materials on all sides, since the housing of halogen-operated luminaires may heat up to more than 150°C. Do not fit halogen luminaires to flammable floors, walls, ceilings, etc. (wood, plastic, etc.). Use LED instead.

7. Use only halogen light bulbs recommended by staub designlight ag. Using the wrong light bulbs can damage the luminaire due to high heat generation. Do not forget to replace the O-ring when changing the light bulb. Read the operating manual that accompanies the product carefully.

8. All staub designlight luminaires are suitable for outdoor and indoor lighting, above or below water. Please refer to the individual data sheets for more information on restrictions. All staub designlight luminaires that require a plug-in power supply must be operated indoors only.

9. All staub designlight luminaires with a standard base as well as Ultraspot, Maxispot, Megaspot and Gigaspot, which are not operated under water, must be mounted on appropriate luminaire holders to allow for sufficient cooling! The luminaires must not be covered by insulating materials such as plastics, fabric, paper, etc. Fire hazard! The ambient temperature must not exceed 40°C.

10. The transformer/power supply unit (incl. cable) has been designed for outdoor use and is waterproof against temporary immersion according to IP67 (mains plug IP20). However, it must not be placed in water. Any connecting cables must be protected from rodents. The power plug of the connecting cable must be plugged into a waterproof socket that is protected by a residual-current circuit breaker (RCCB). When positioning the transformer/power supply unit on the ground, the four fixing straps must be at the bottom! If the luminaire is operated without a power plug, the power supply (230 volt AC) must be installed by an officially qualified and certified electrician. When changing a fuse in the transformer, always replace the O-ring of the luminaire holder, clean the contact area and check for any damage. Transformers/power supply units installed outdoors in concrete ducts or in the ground using staub designlight underground housings (see catalogue page 77) require free air circulation to cool the transformer/power supply unit. Allow any water entering the duct/underground housing to drain immediately (drainage bed). The transformer/power supply unit must not be installed in flammable housings or recesses (e.g. made of wood). All local and national regulations pertaining to electrical installations, in particular VDE 0100, SEV NIN 1000-1, 1995, are to be observed. The input and output circuit installation must comply with local and national installation requirements and be protected by electric wiring conduits. Cables connecting with the transformer cannot be replaced. If the electric cable is damaged, the relevant transformer must be dismounted and removed. All electric cable joints must be potted/sealed to make them waterproof.

11. Underground electric cables must be protected by electric wiring conduits. We recommend that rodent-proof braided hoses be used in areas where animals (e.g. rodents) can access any cables that run above the ground outdoors.

12. All cable joints and electrical connection boxes must be sealed against water.

13. In the event of any damage, make sure the staub designlight product is sent immediately to our customer service department for repair. Otherwise we cannot guarantee leakproofness and operating safety.

14. All staub designlight LED luminaires must be operated only at a max. ambient temperature of 40°C. The 230 volt AC wiring system must not conduct any unacceptable peak-to-peak voltages, e.g. in the event of thunderstorms, to the transformer/power supply unit. To prevent damage to the electronics and/or LED, the 12/24 volt output must also be protected from DC voltage peaks (even temporary).

15. All staub designlight luminaires may be operated only with the appropriate transformer/power supply unit and a line-side residual-current circuit breaker (RCCB). Please check with your certified electrician whether your household circuits are already protected by an appropriate circuit breaker.

16. Modifications or new electric installations requiring operating currents of more than 2 A or operating voltages of more than 50 V AC or 120 DC respectively, must be carried out only by a certified and authorised electrician.
17. All **staub designlight** luminaires used for underwater lighting outdoors as specified by **staub designlight ag** must be removed during the winter if not immersed at sufficient depth (at least 30 cm). Extremely cold weather conditions (ice) will damage the glass globes, glass bulbs and Spotlight lenses.

18. All **staub designlight** luminaires/accessories used below water must not be exposed to chlorine, hydrochloric acid or other aggressive additives as this may corrode or oxidise the stainless steel surface. This does not include the high-power LED Poolstar swimming pool luminaire, which is suitable for use in swimming pools with standard chlorine levels. Other additives (e.g. saline waters, etc.) must be tested prior to their use for their impact on stainless steel and approved by **staub designlight ag**.

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**Warranty terms**

- **Warranty period:** **staub designlight ag** provides 2/7 years’ guarantee from the date of invoice on all **staub designlight** luminaires ordered from 1 January 2014 and which are marked in the product catalogue as having “2/7 years’ guarantee”. This does not apply to goods for resale, which are subject to the terms of warranty of their supplier. All work carried out by us in accordance with the customers’ specifications or under toll manufacturing arrangements has a 1 year guarantee from the date of invoice. All products sold before 1 January 2009 have a 2 year guarantee from the date of invoice. The guarantee includes free repair or free replacement of all elements rendered non-functional by defects in manufacturing or materials. This does not include mechanical damage (including damage to painted surfaces), glass breakage, light bulbs, LEDs, electronic components, shipping costs, consequential damage and the costs of installing and removing the part on site. **staub designlight ag** cannot accept any guarantee for the stated lifespan of light bulbs or LEDs. This also applies to any changes in colour in the light bulbs, LEDs, lenses and dichroic filters. Repairs or free replacement do not extend the warranty period. The guarantee does not cover losses caused by incorrect or improper installation/use of **staub designlight ag** products. If any modifications are made to **staub designlight** products after delivery or if the assembly and/or safety instructions are not observed by the distributor or customer, then this warranty/liability shall end with immediate effect. Any restrictions are listed in the product datasheets/specifications.

- **Protection from rodents:** Rodent protection consists of a high-quality flexible stainless-steel corrugated conduit or stainless steel braided hose, which protects the lighting cables from animal bites. **staub designlight ag** cannot accept any guarantee that use of such protection will prevent the lighting cable or the stainless steel corrugated conduit/stainless steel braided hose from rodent damage.

- **Warranty claims:** In the event of warranty claims, the relevant item must be sent to us together with a copy of the invoice. Defective luminaires must always be returned with the accompanying transformer, power supply unit and electronics (if mounted externally).

**Care instructions**

All **staub designlight** luminaires and accessories are made of high-quality V2A stainless steel (V4A available for special designs). Aggressive ambient conditions, such as road salt during the winter, rust or other aggressive particles in the air, chlorine in ponds or other oxidising additives, etc. may cause rust particles to form on the surface of our products. To remove any residue on your luminaires, clean the affected parts with a plastic Scotch-Brite pad. Never use steel wool or metal wire brushes as this will damage the stainless steel surface. Then rinse the parts with clean water and let them dry. We recommend using our kit (see page 79) to thoroughly clean and protect the products. Following these instructions will protect our products for a long time against harsh environmental influences and restore them to their original condition.

**Product and trademark protection**

All **staub designlight** luminaires and accessories are internationally protected by law and must not be reproduced for personal use nor copied without our explicit written confirmation (Article 6 and 8 of Swiss Federal Law). This also applies to all photos and design drawings of all **staub designlight** luminaires. Some of our products are patented in Switzerland or a patent application has been filed. German utility model DGM 20 2009 014 794.0 and 20.2013 104 885.2

April 2014
Tips and Tricks

- **Right choice of luminaire type**
  staub designlight luminaires offer numerous creative possibilities for indoor and outdoor lighting. We recommend that a light test be made to ensure that you have selected the right luminaire for a specific location. Our demo case enables you to try out each luminaire before you actually buy it. If you wish to make a light test below water, we shall be happy to send you a test luminaire.

- **Spotlights, Ultraspot, Maxispot, Megaspot and Gigaspot luminaires**
  When positioning these models of the staub designlight range of luminaires in you garden or pond, make sure you angle the light beam away from your line of sight, i.e. direct it to the opposite direction from where you are sitting. Side dazzle effects can easily be eliminated using the appropriate glare guards or honeycomb anti-glare louvre (or a combination of both), which we also supply (see Accessories).

- **Halogen and high-power LED luminaires**
  To obtain “warm” or soft light effects, we recommend using dichroic filters or frosted lenses. If requested, we will mount them into the luminaire direct.

- **LED effect Angle Spot**
  LED effect lights are at their best on possibly fine and even ground or wall surfaces. Avoid using them on coarse wall plastering or highly-structured wall plates. Halogen or high-power LED lamps are more suitable for these applications, since the light is reflected at a wider angle.

- **Halogen and LED luminaires**
  When combining both light systems using white light, please allow for sufficient distance between them since the difference in light colour is still apparent to some extent. If you wish to use a combination of both at short distance, we recommend that warm white LED lamps be ordered.

- **Luminaire assembly on walls, ceilings or in the ground**
  Run all electric wiring conduits from the respective luminaire to the transformer separately (star-configured wiring). This will reduce your installation time considerably at slightly higher material costs. Our Minispot and Superspot Mini luminaires always require star-configured wiring.

- **Transformer/power supply unit**
  To ensure safe storage of your transformer/power supply unit in the garden, place it into a concrete duct with soakaway bottom or into one of our underground housings. Mounting the transformer/power supply unit openly in the garden is also possible. However, the cable joints will then be unprotected and exposed to animal bites or mechanical damage.

- **Cable joints**
  It is recommended that all cable joints be potted to prevent the cables from breaking or the occurrence of loose contacts due to moisture in the long term. Prior to potting the cable joint, clean the area to be potted with acetone to allow for better adhesion of the cable in the potting resin. Only our 2-component potting resin should be used as this is of an excellent quality. For best results please read the instructions carefully before mixing the potting resin.
• **Spanners**
  For our Ultraspots, Maxispots, Megaspots, Gigaspots, Angle Spots, Superspots, Honeycomb Spots and Skyspots we also provide the relevant spanner. Thanks to this handy tool, each luminaire type can be easily opened and closed with very little effort. Properly screwed luminaire housing ensures they are waterproof.

• **Protection from rodents**
  Our 40 cm standard rodent-proof corrugated conduit is sealed directly to the luminaire base. We recommend that additional rodent-proof braided hoses be ordered for all luminaires which are not protected from animal (particularly rodents) access. This is particularly important for luminaires where the connecting cable is still visible after installation.
  Note: Sometimes rodents even dig out cables buried in the ground. Make sure all electric cables are run in electric wiring conduits.

• **Cables**
  To prevent mechanical damage, it is recommended that all cables be run in electric wiring conduits. This is also valid for cables run underwater in ponds.

• **Cable length**
  The maximum standard cable length for a linear- or star-configured set connected to the 12 volt AC/ 24/54 volt DC output is 20 metres, running from the transformer/power supply unit to the last luminaire. If you wish to arrange the set over a longer distance, we can provide a mains cable with a higher cable cross-sectional area. Another option is to position the transformer/power supply unit “closer” to the luminaires, which requires a 230 volt AC power cable to be run in the garden. This 230 volt power supply must be installed/connected by an officially qualified and certified electrician.

• **Cleaning of luminaires**
  Luminaire housings used above water will become matt and dull after a certain time. We recommend using our kit (see Accessories, page 79) to thoroughly clean and protect the luminaires. Remember to rinse off any polish residue on the O-ring and rubber grommet of the cable connection. Limescale and algae build-up on luminaires used below water can be removed by placing the entire, closed luminaire for 2-3 minutes in a mild softening agent and rinsing it carefully afterwards. For optimal protection, treat the surface with our cleaning and care kit. Caution: Stainless steel polish may harm the fish in your fish pond! Make sure all residue is removed!

• **Leaking luminaires**
  In the event of any moisture or water entering the luminaire, first try to locate the cause. If it was not properly closed, clean the interior and dry it with a warm blow-dryer. Use an electric contact spray for oxidized luminaire contacts. Check all connecting cables for mechanical damage and repair and make waterproof if necessary.

• **Assembly case**
  Our assembly case (see Accessories) contains all the important tools and spare parts to assemble and maintain all our luminaires and carry out almost all repair work quickly and in a reliable manner.
staub designlight Flyer

Front

Inside

Back

www.staub-designlight.ch
- **Advertising campaign for your customers**
  Are you planning a marketing or mailing campaign or in-house show? We shall be happy to provide you with our promotional material.

- **staub designlight flyer**
  Do not hesitate and order our popular and attractive **staub designlight** flyer for your customers today to enclose it with a customer mailing, quotations, order confirmations or invoices (see page 92 for sample flyer).

- **Lighting gallery**
  A picture says more than a thousand words! Our homepage provides a gallery of beautiful scene settings and images which we will be glad to send you free of charge to promote our **staub designlight** products.

- **Product presentation with your iPad**
  Download our new, free app (key word: staub designlight ag) from the App Store via Wi-Fi or WLAN. The easy way to deliver well-crafted and effective customer presentations. With our "Download All" feature, you can also access our product catalogue, films and lighting gallery offline.

- **Logos, flyer templates, additional information**
  Let us know your requirements. We shall be happy to support you in all marketing matters!

- **Become our competence partner**
  Our demo case (professional/ECO) provides you with everything you need for perfect customer service. In addition, we provide your address to interested end customers in your region who have contacted us directly, thus actively supporting you in selling our quality products!

- **Upgrade your homepage free of charge with our range of garden luminaires**
  Linking your website to our homepage free of charge will win you new customer orders. Contact us if you are interested in this active cooperation. We will then be able to directly transfer all inquiries and orders of end customers to you. We shall be happy to provide you with more details.

- **Workshops**
  You want to learn more about our products to improve your sales success? Contact us or find out more about a workshop for you and your employees!

- **Local support**
  If necessary, we shall be happy to support you locally at your customer’s end direct with many ideas for landscape lighting and extensive know-how!
General
- These Standard Terms and Conditions of Business (Standard Terms) form the basis for the business relations between staub designlight ag and the contractual partner (Customer) and set out the parties’ mutual rights and duties. These Standard Terms thus form the legal basis of all legal transactions between staub designlight ag and the Customer. In particular they form the sole basis for the provision of services, production of work and the sale of products. The Standard Terms shall be binding for all present and future business relations with staub designlight ag even if this is not expressly stated with regard to any subsequent legal transaction. Only the version of the Standard Terms which is posted currently in German on the staub designlight ag website is valid.

- An order shall not be deemed to have been accepted until all details have been clarified and staub designlight ag has provided express written confirmation. The scope and execution shall be as set out in staub designlight ag’s order confirmation. The prices stated in our offers, order confirmations and invoices are binding in principle subject to errors and technical modifications.

- Unless otherwise agreed in writing, prices are in Swiss francs or euros excluding value-added tax, and apply ex Stansstad excluding packaging, freight/carriage and insurance. We reserve the right to adjust prices accordingly if the procurement costs (increases in suppliers’ prices, additional tax burdens, increase in customs duties, increase in transport costs, currency fluctuations of over two per cent) rise while the order is being executed. If the price is increased while the order is being processed, the Customer may cancel the order in as far as the price increase is not revoked subject to the Customer’s immediate written request. staub designlight ag reserves the right to change prices and these Standard Terms at any time.

- Orders may be supplied in part shipments. Any data provided by the carrier on the weight and dimensions of the goods and the packaging are non-binding.
- staub designlight ag may make acceptance and execution of orders dependent on provision of a security or an advance payment.
- staub designlight ag will accept no foreign currency risks. Fluctuations in exchange rates may give rise to adjustments in prices.

Terms of payment
- Invoices are payable net within ten days (due date). Orders from customers abroad must be paid in advance. Other agreements shall not apply unless staub designlight ag has provided the Customer with written confirmation. Default on payment shall render all outstanding invoices due immediately. In the event of delayed payments (of orders already delivered), staub designlight ag may revoke the 10-day terms of payment and demand payment in advance for orders that have already been confirmed but not yet delivered. staub designlight ag reserves the right to offset collection charges and default interest and to levy dunning charges. The goods delivered shall remain the property of staub designlight ag until full payment has been made. staub designlight ag reserves the right to make supply dependent on advance payment or cash on delivery at any time. This also applies to shipments for which staub designlight ag has confirmed supply against invoice and payment within 10 days.

- Claims may not be offset against existing claims of the Customer which the Customer has already asserted. The assertion of claims for defects does not affect the Customer’s duty to pay.

Reservation of title
- staub designlight ag may make an entry in the reservation of title register (Eigentumsvorbehaltsregister) until such time as the goods have been paid in full.

Delivery times
- The delivery times stated are not binding. staub designlight ag does not accept responsibility for delays caused by unforeseen occurrences such as force majeure, mobilisation, war, civil commotion, shortage of raw materials, disruption to operations, production rejects, strike, transport delays or other circumstances for which staub designlight ag is not responsible. If occurrences of this type for which staub designlight ag is not responsible mean that the goods ordered cannot be supplied or that they can only be supplied with delay, the Customer shall not be entitled to assert claims against staub designlight ag.

Drawings and documents
- staub designlight ag reserves sole title and copyright on all drawings, photographs, drafts, estimates and other documents of staub designlight ag. Copying and continued use of catalogue materials are prohibited by copyright. Such documents are entrusted personally to the Customer and may not be made available to third parties or copied without staub designlight ag’s written consent. They shall be returned to staub designlight ag on first request. The Customer shall be liable to a contractual penalty of CHF 20,000 for breaches hereof.
- staub designlight ag reserves the right to assert further losses and may withdraw from the contract without the Customer acquiring any rights herefrom.

Place of performance, despatch and transport risk
- The place of performance shall be Stansstad. Risk shall transfer to the Customer as soon as the goods leave the warehouse of staub designlight ag or, in the case of direct shipment, as soon as they leave the warehouse of staub designlight ag’s supplier. This also applies to carriage-paid shipments.
Warranty for defects

staub designlight ag provides warranty for defects which were present at the time of delivery subject to the following conditions. Any obvious and/or identified defects shall be reported in writing, stating details, to staub designlight ag within eight days after the defect has been received, but in any event before they are further processed or installed. Once staub designlight ag has inspected the defect it may decide whether to honour the warranty by remedying the defect or by replacing the product returned. staub designlight ag will not bear any transport, travel, labour or materials costs other than the cost of return transport. staub designlight ag will not accept liability for compensation other than personal injury unless the losses were incurred by gross negligence at least.

Right to return goods

As our products are manufactured to customers’ specifications, lighting sets which have been ordered/manufactured cannot be returned.

Warranty terms

staub designlight ag provides 2/7 years’ guarantee from the date of invoice on all staub designlight luminaires which are ordered as of 1 January 2014 and which are marked in the product catalogue as having “2/7 years’ guarantee”. This does not apply to goods for resale, which are subject to the terms of warranty of their supplier. All work carried out by us in accordance with the customers’ specifications or under toll manufacturing arrangements has a 1 year guarantee from the date of invoice. All products sold before 1 January 2009 have a 2 year guarantee from the date of invoice.

The guarantee includes free repair or free replacement of all elements rendered non-functional by defects in manufacturing or materials. This does not include mechanical damage (including damage to painted surfaces), glass breakage, light bulbs, LEDs, electronic components, shipping costs, consequential damage and the costs of installing and removing the part on site. staub designlight ag cannot accept any guarantee for the stated lifespan of light bulbs, LEDs or LED modules. This also applies to any changes in colour in the light bulbs, LEDs, lenses and dichroic filters. Repairs or free replacement do not extend the warranty period. The guarantee does not cover losses caused by incorrect or improper installation/use of staub designlight ag products. Any restrictions are listed in the product datasheets/specifications.

Protection from rodents: rodent protection consists of a high-quality flexible stainless-steel corrugated conduit or stainless steel braided hose which protects the luminaire cables from animal bites. staub designlight ag cannot accept any guarantee that use of such protection will prevent the luminaire cable or the stainless steel corrugated conduit/stainless steel braided hose from rodent damage.

These warranty terms also include all our safety instructions and our Standard Terms and Conditions of Business (Standard Terms).

If any modifications are made to staub designlight products after delivery or if the assembly and/or safety instructions are not observed by the distributor or customer, then this warranty/liability shall end with immediate effect. Any guarantee claims must be sent to staub designlight ag together with a copy of the invoice. Defective luminaires must always be returned with the accompanying transformer or power supply unit and the LED electronics or electronic control (if mounted externally).

Severability

If any of these provisions should be invalid or if the contract contains a lacuna, this shall have no effect on the validity of the rest of the contract. Invalid provisions shall be deemed to have been replaced by valid provisions and lacunae shall be deemed to have been remedied in a manner which best reflects the will of the contracting parties at the time the contract was concluded.

Place of jurisdiction and applicable law

Any disputes shall be subject solely to Swiss law. The place of jurisdiction shall be Stansstad (Stans). However, we may also sue Customer at Customer’s domicile.

April 2014
The Light With Design
The Light With Design
The Light With Design

Setting the mood for your garden
**V2A**: This product is made of high-quality stainless steel. All luminaires/accessories used below water must not be exposed to chlorine, hydrochloric acid or other aggressive additives as this may corrode or oxidise the stainless steel surface.

**V4A**: This product is made of extremely high-quality stainless steel and is suitable for use in swimming pools with standard chlorine additives. See also the care instructions on page 89 (section 18).

**IP54**: This product is fully splash-proof. However, it is not suitable for use below water.

**IP67**: This product is protected against almost all environmental influences and temporary immersion in water. However, it is not suitable for use below water.

**IP68**: This product is 100% waterproof. It is suitable for use above or below water.

The luminaire cable is protected from rodent bites and mechanical impact by a high-quality flexible stainless steel corrugated conduit (V2A) along a length of 40 cm after the luminaire.

Recommended distance between luminaire and illuminated object. The indicated metres refer to the most powerful light source.

- **Indicates the light colour in Kelvin**: 2700/2800/3000 K = warm white
- **Indicates the light colour in Kelvin**: 4000 K = daylight white, 5000 K = cold white
- **Indicates the energy rating of the light source**.

This luminaire is operated with a 12 V DC (direct current) marine battery or alternatively with a 12 V AC (alternating current) generator. The LED luminaire must be protected against excess voltage which may destroy the electronics or LED.

This luminaire is operated with a high-quality, double-insulated safety transformer with iron core. Operating voltage: 230 volt AC input, 12/24 volt DC output. Thanks to the high IP67 protection rating (against temporary submersion in water), the power supply unit may also be used outdoors (e.g. in ducts), but not below water.

**Indicates the expected lifespan of the LED effect light**.

**Indicates the expected lifespan of the light bulb**.

The luminaire brightness can be variably adjusted with an external dimmer and/or with a potentiometer integrated in the power supply.

This luminaire is also available in the latest LED RGB or LED RGBW multi-colour technology.

This product must be used only in dry indoor areas.

Luminaires with LED lights may be operated only at a max. ambient temperature of 40°C. Higher ambient temperatures may significantly reduce the LED lifespan or even destroy it.

This product meets the principal safety requirements of all relevant European guidelines.

High-power LED control with temperature monitoring. If the maximum ambient temperature is exceeded (> 40°C) or in the event of heat building up in the luminaire, the integrated electronics automatically adjust the brightness to ensure that the LED integrated in the module is not destroyed. The LED luminaire must not be operated at ambient temperatures exceeding 55°C.